

FIGURE 1

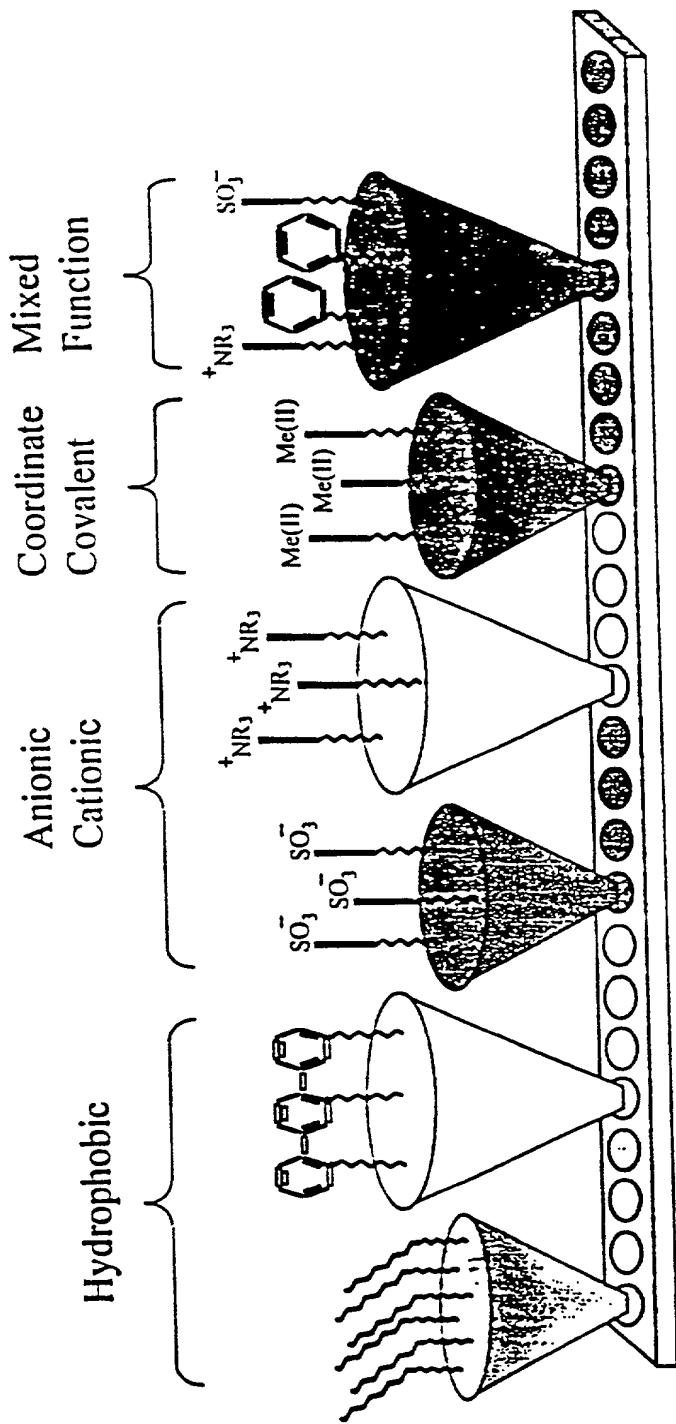


Figure 2

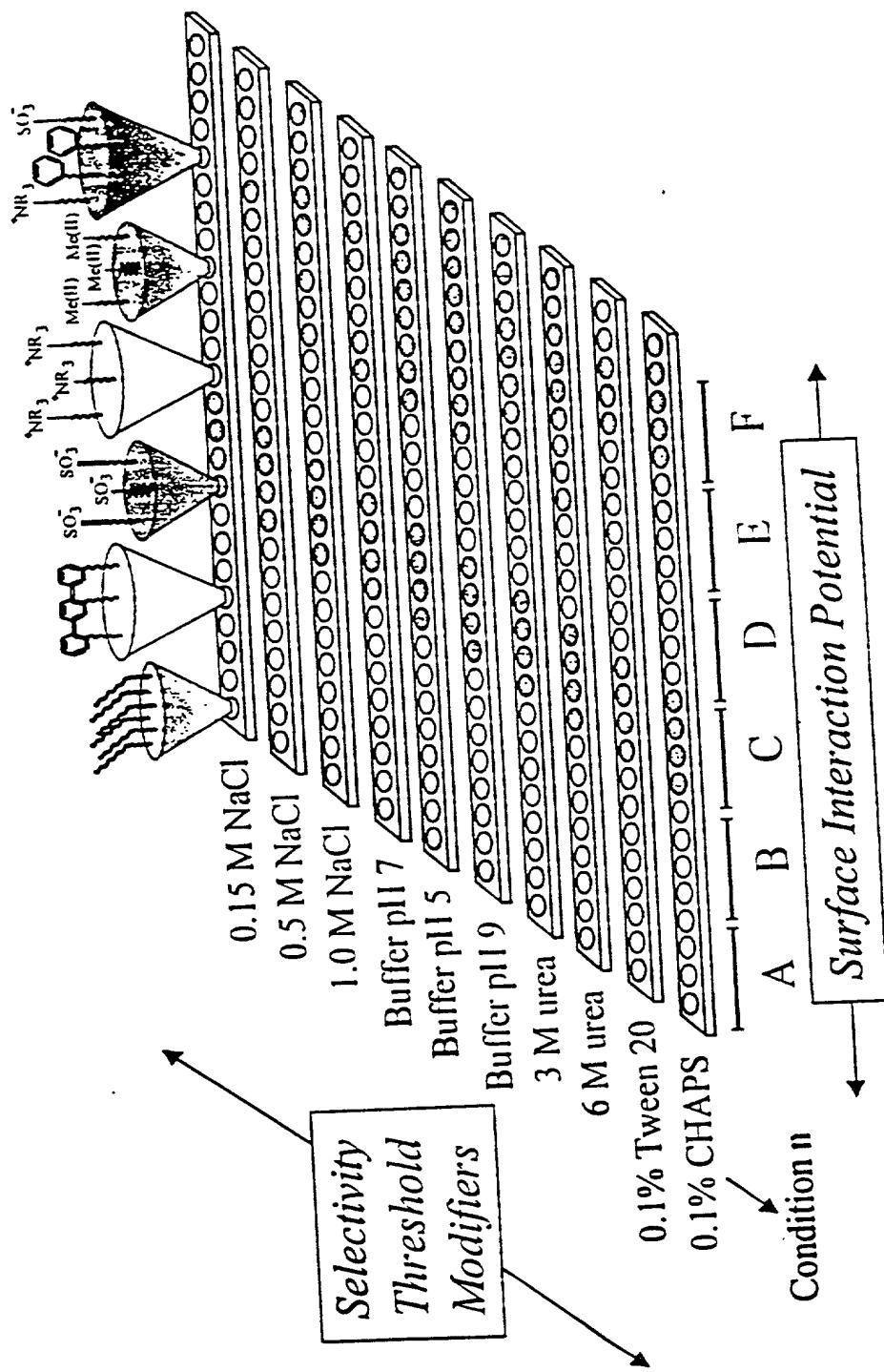


Figure 3

Quantitative Analysis
of Specified Target Proteins

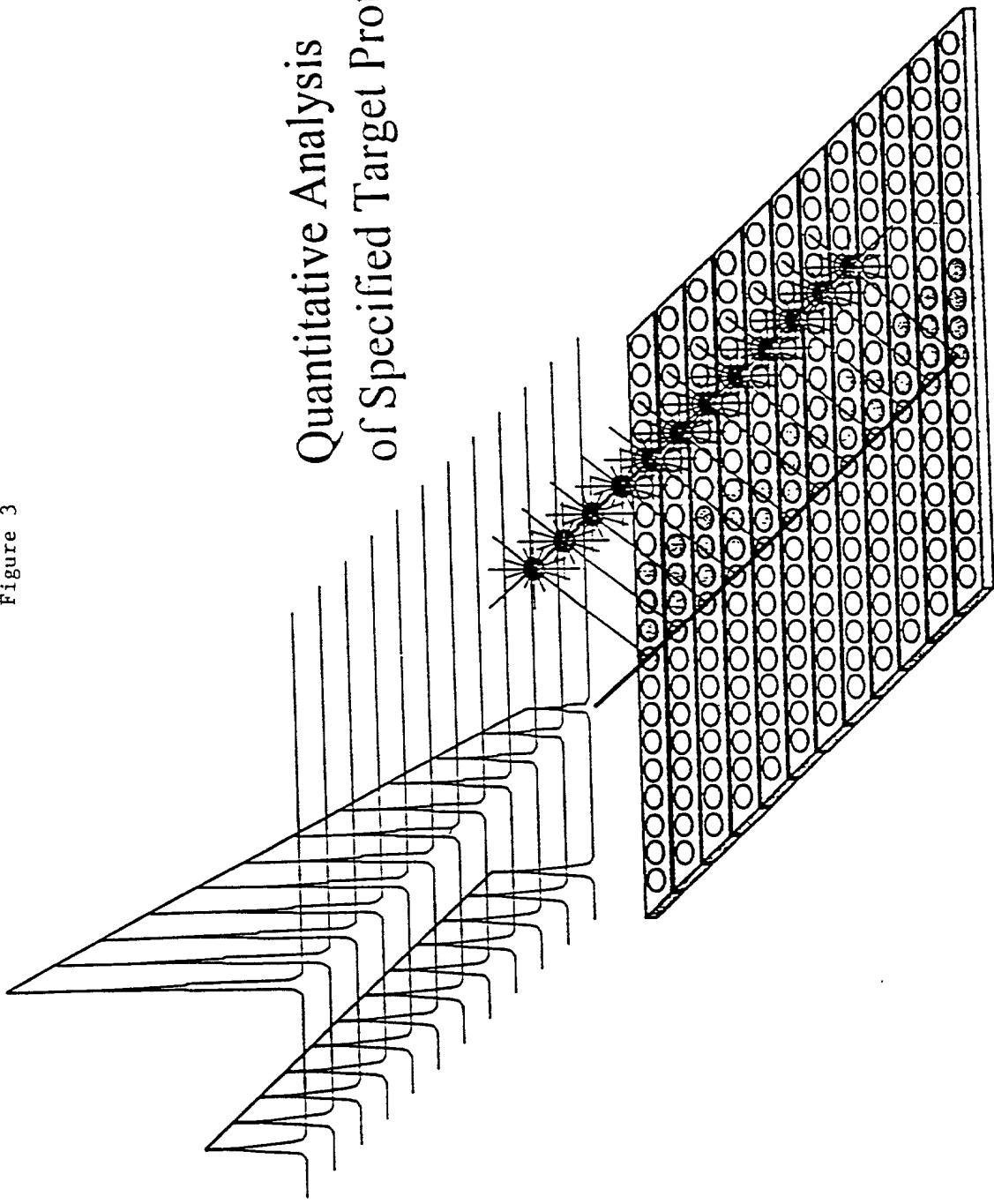


Figure 4A

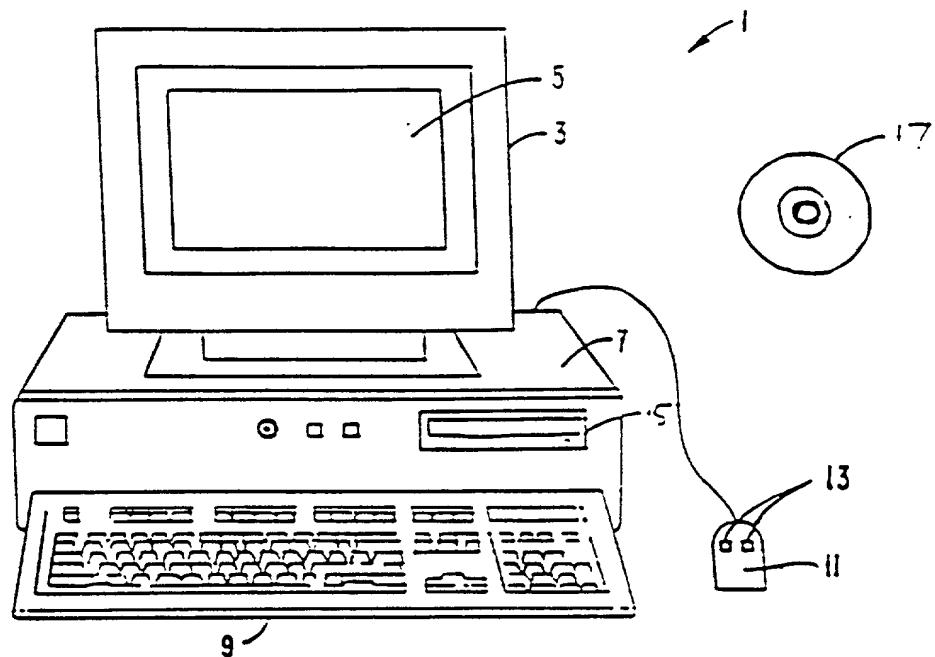


Figure 4B

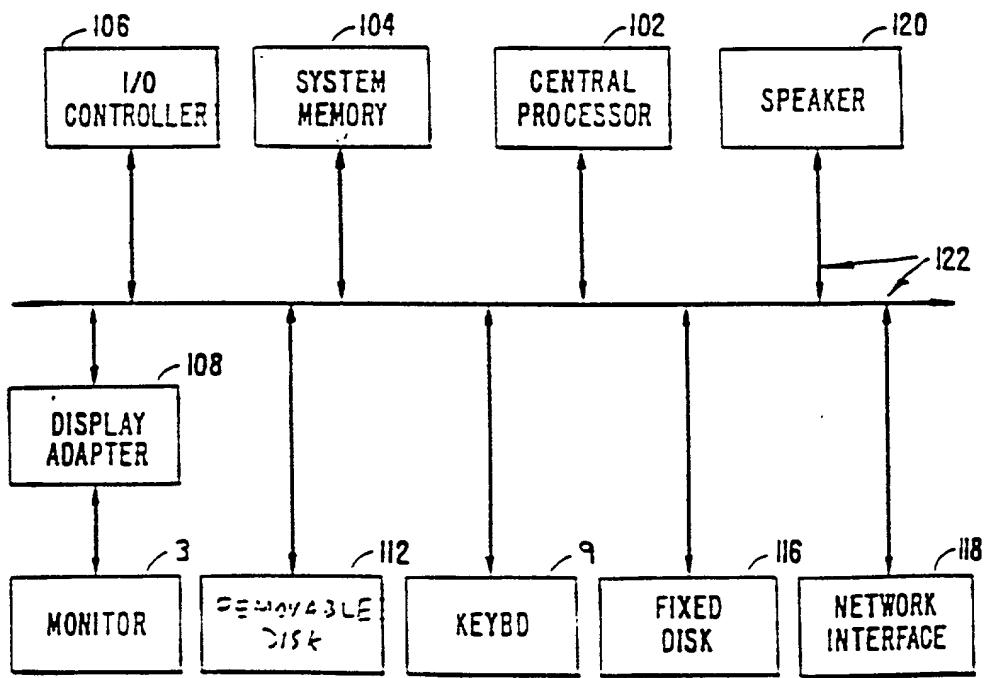


Figure 5A

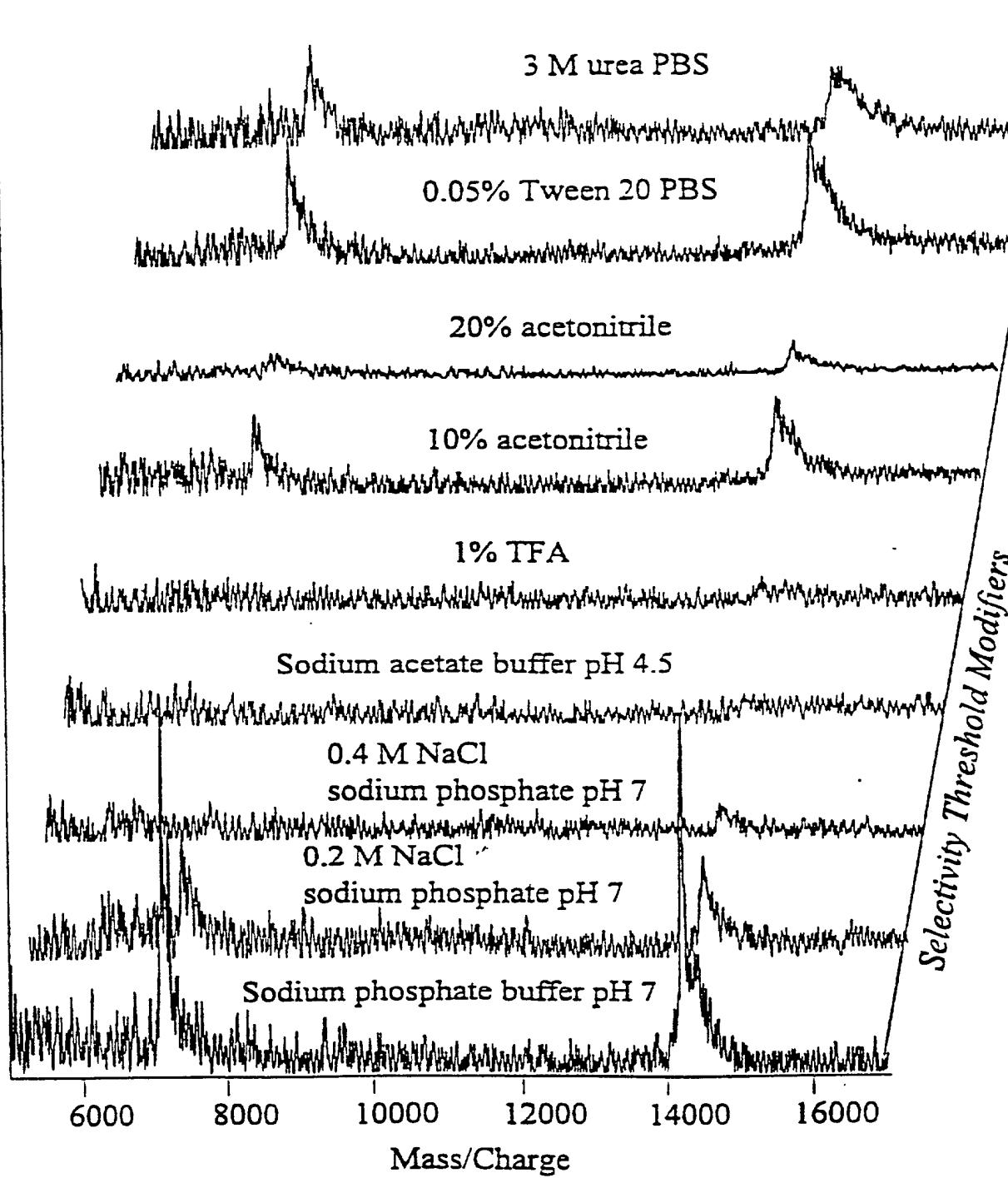


Figure 5B

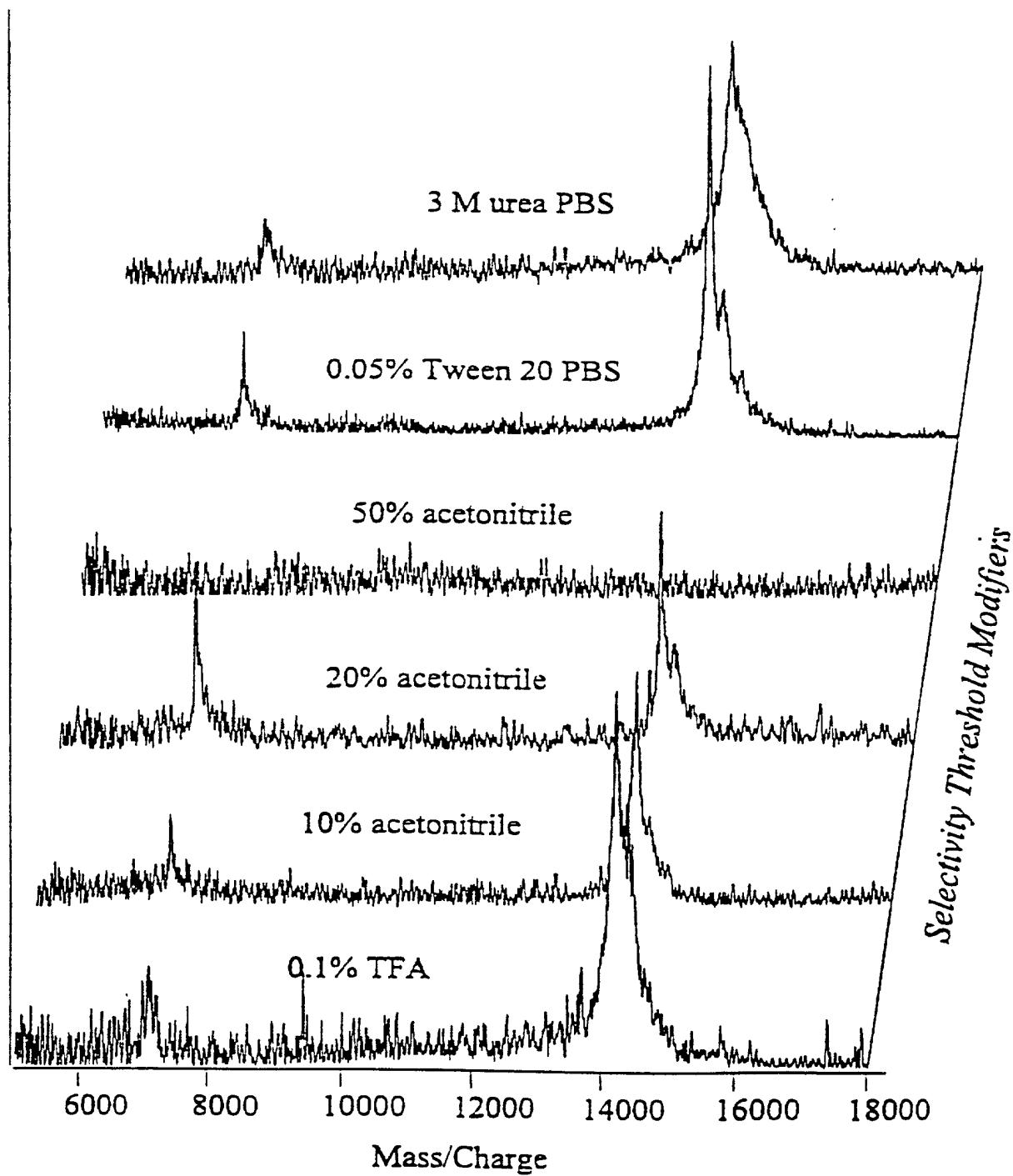


Figure 5C

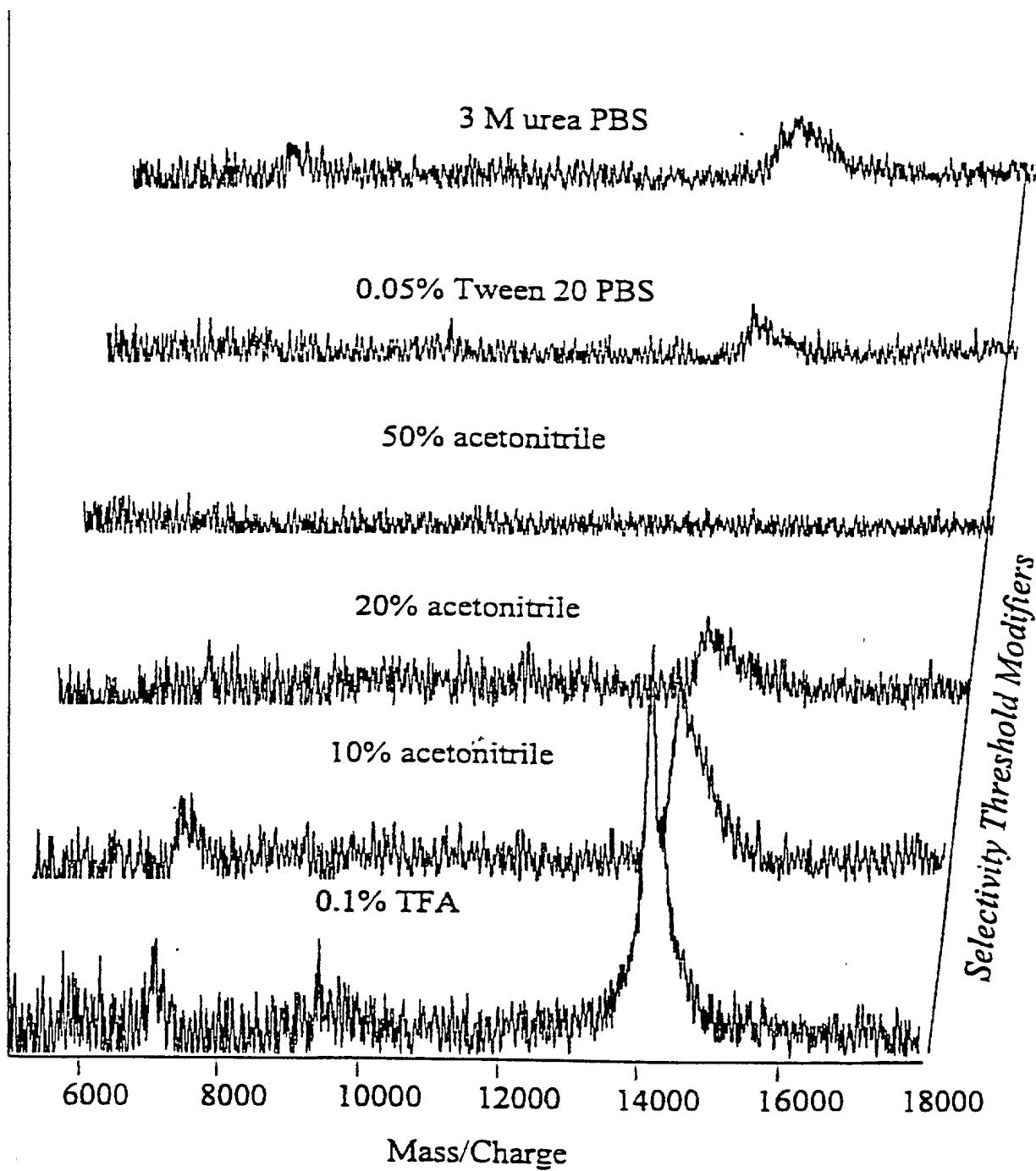


Figure 5D

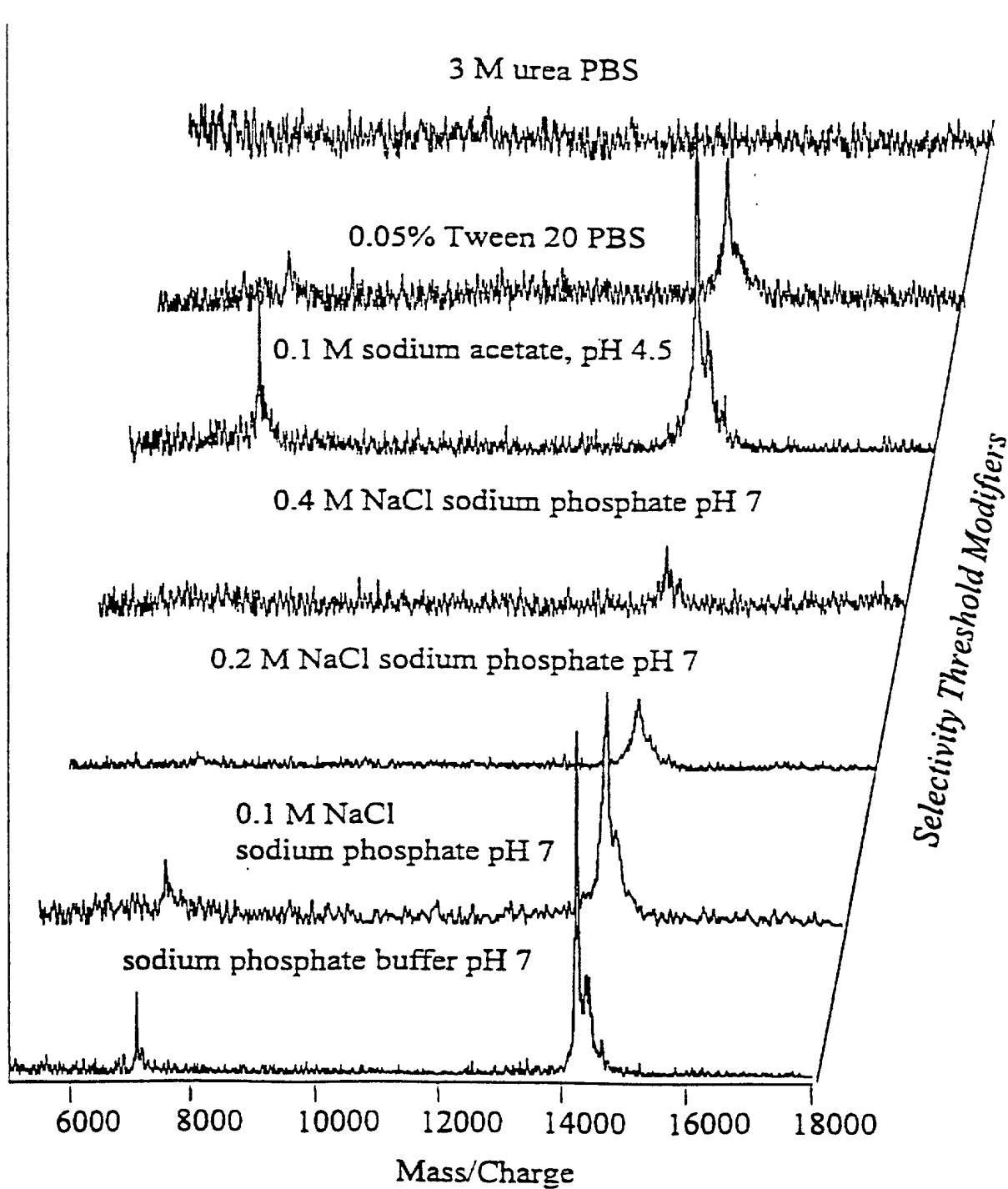


Figure 5E

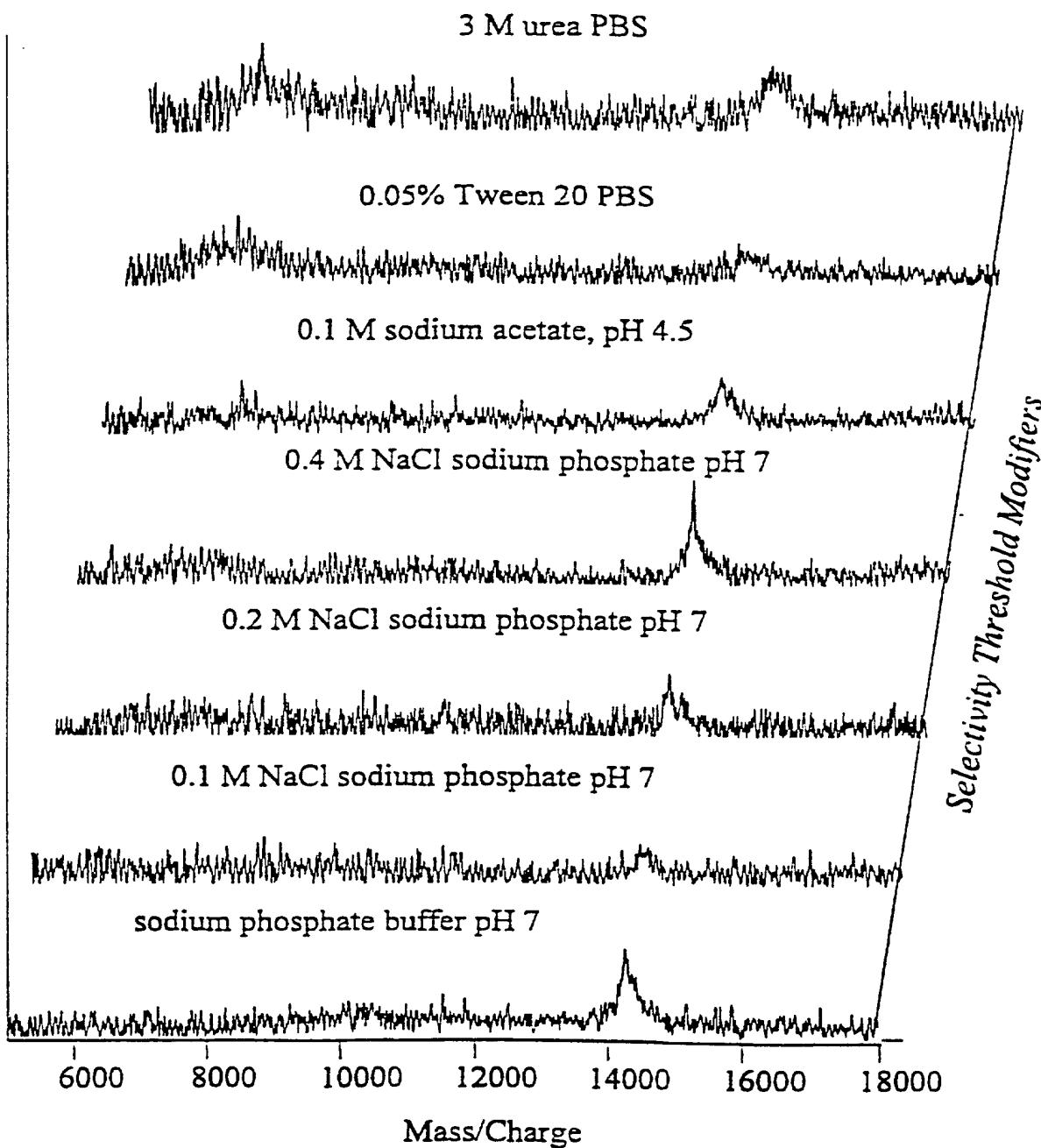


Figure 5F

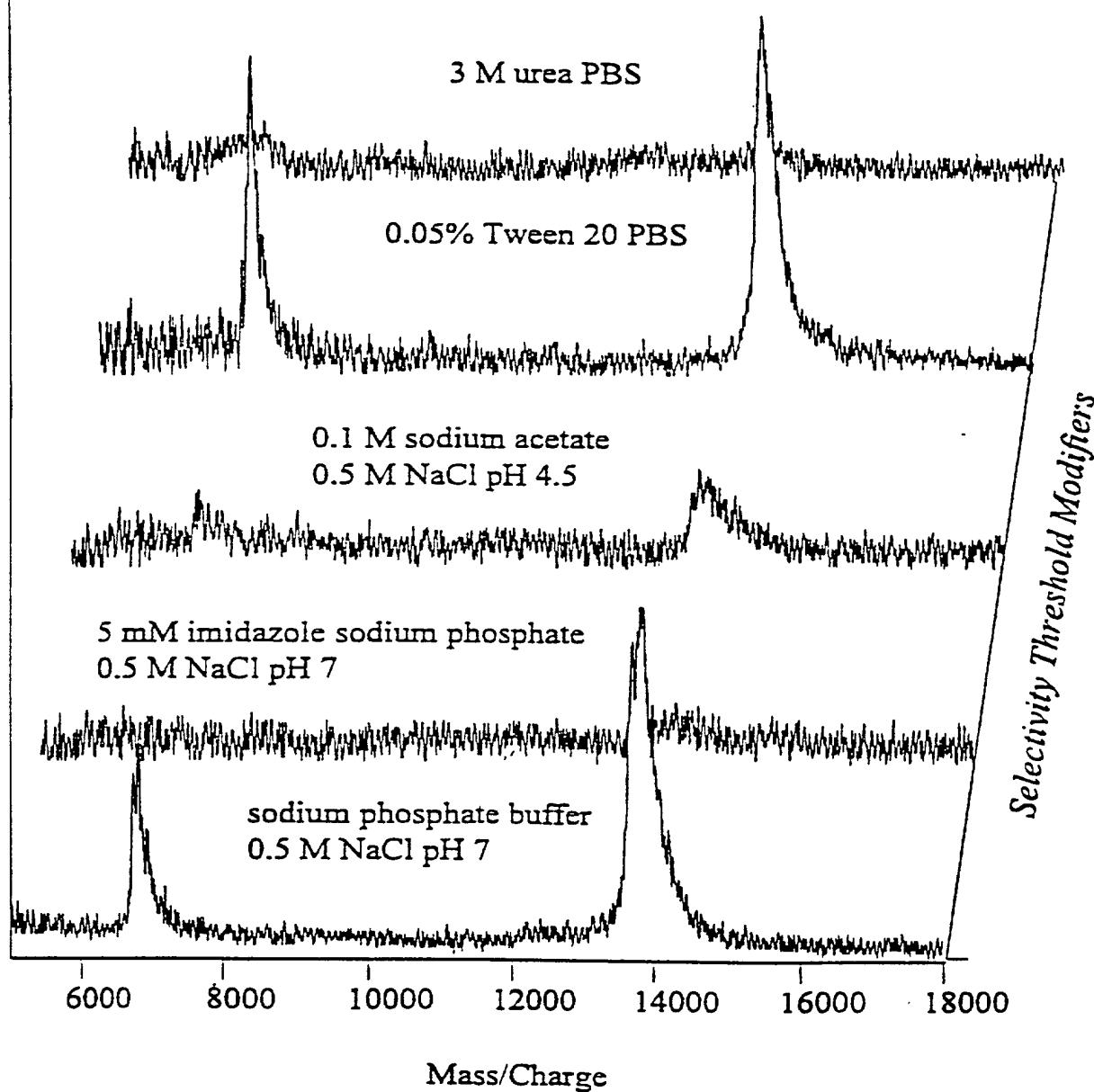


Figure 6A

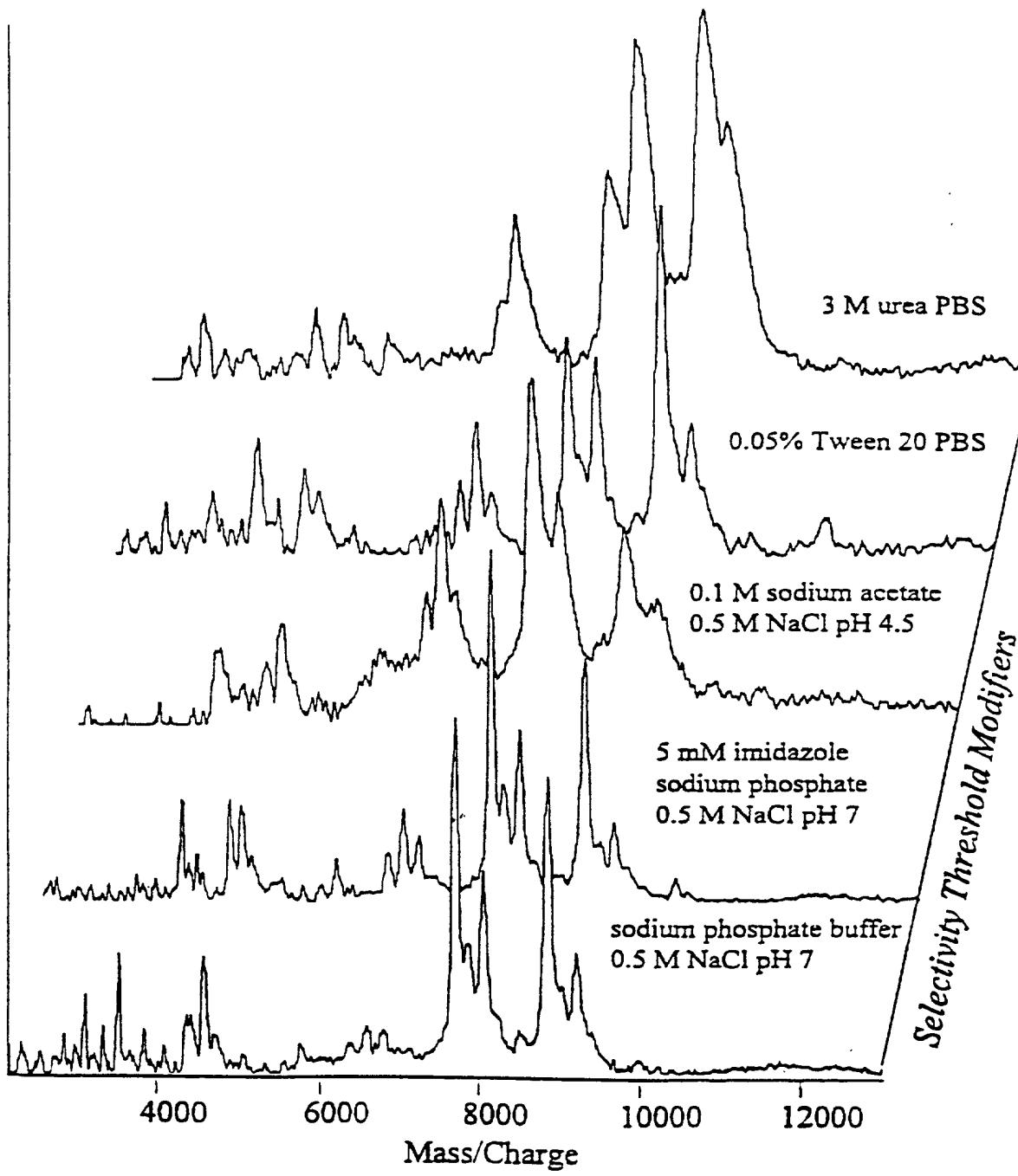


Figure 6B

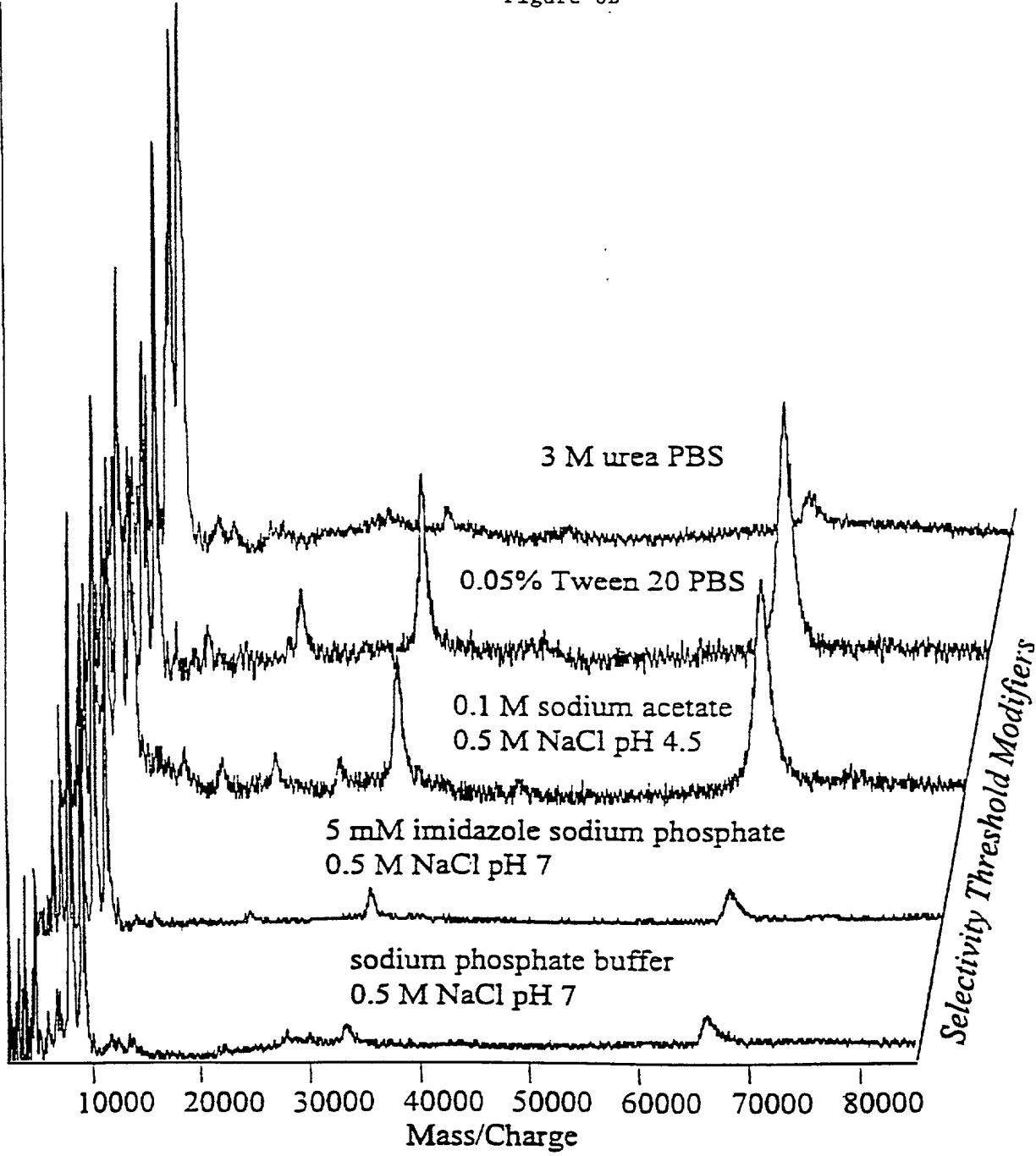


Figure 7A

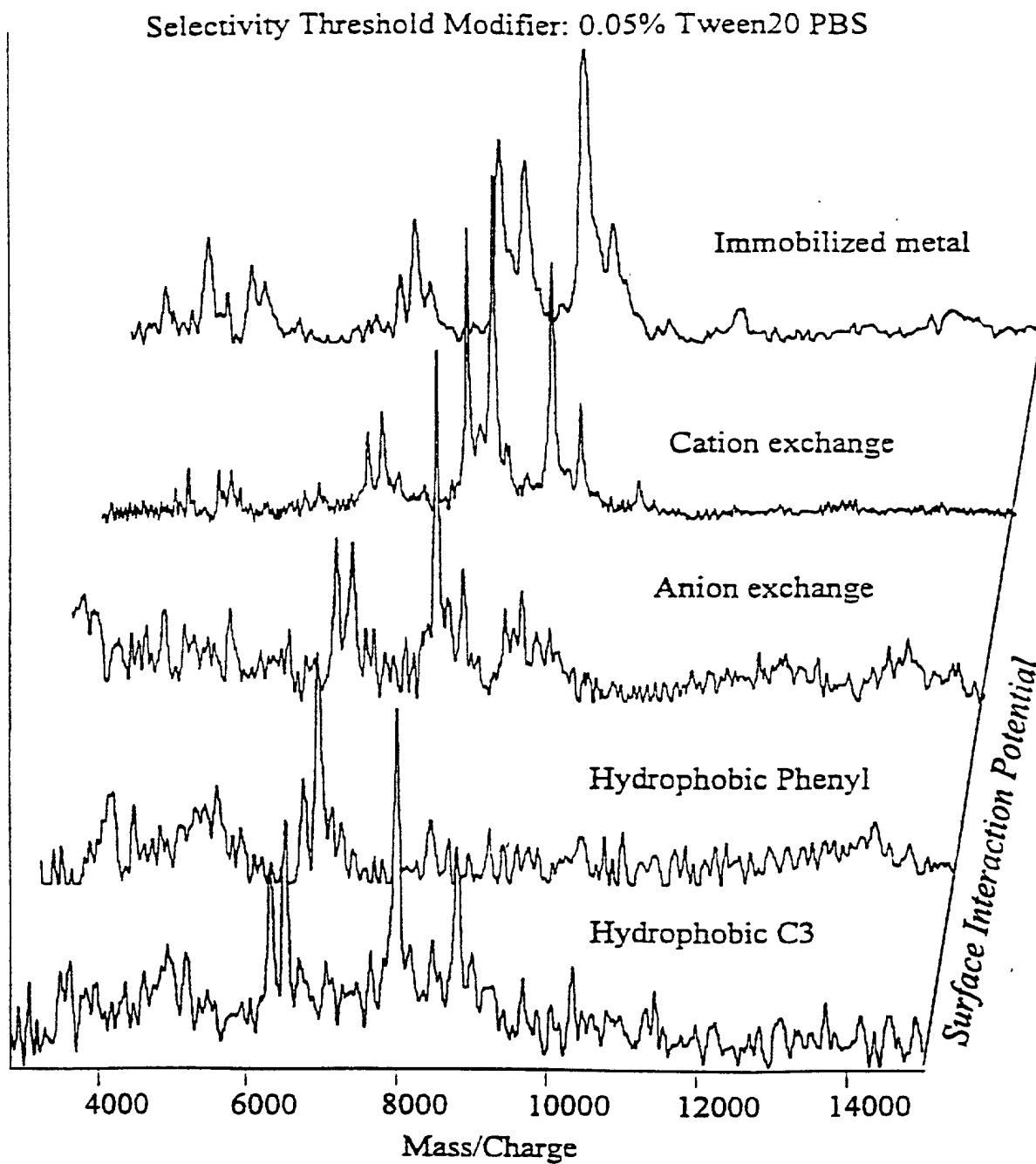


Figure 7B

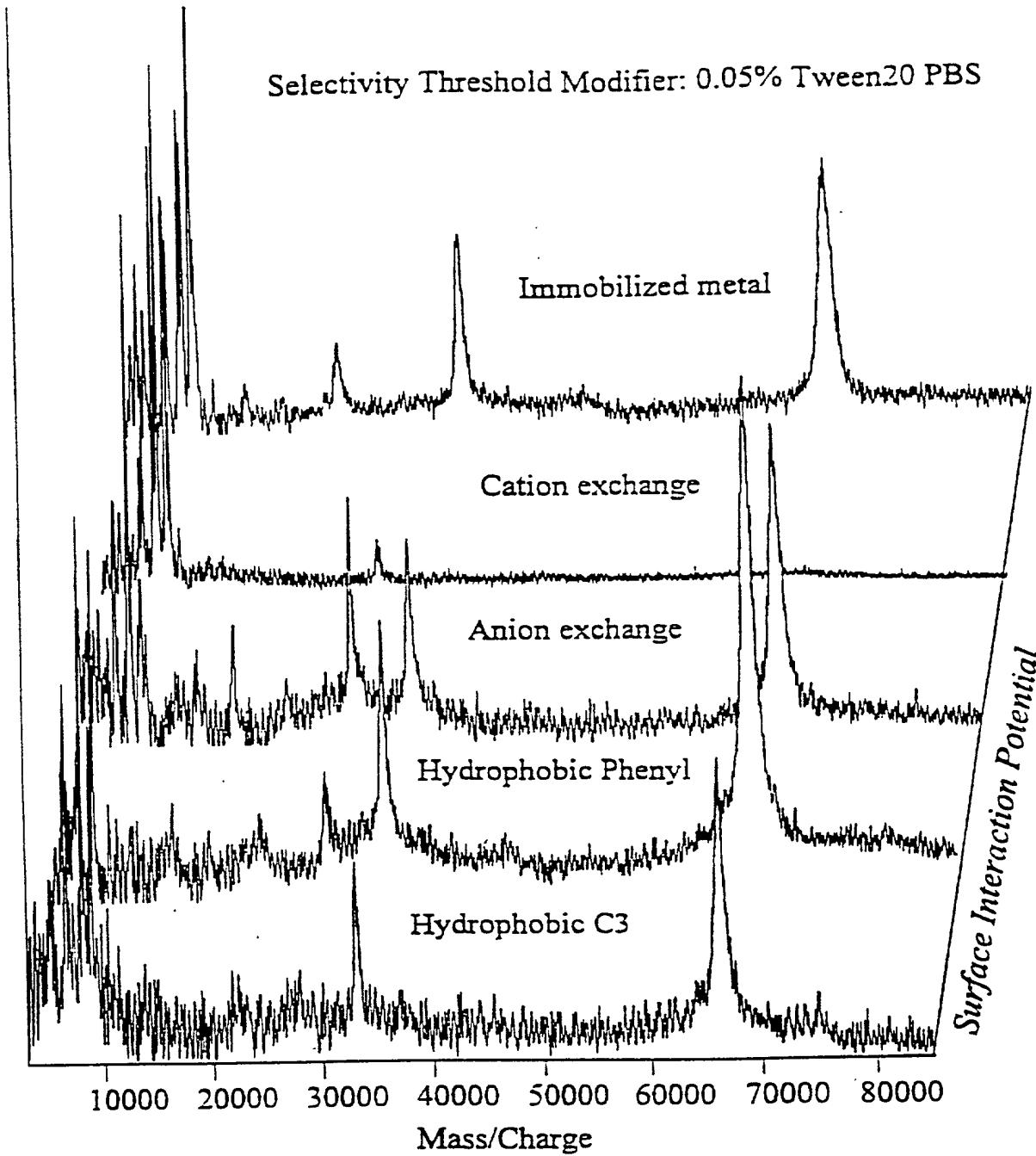


Figure 8A

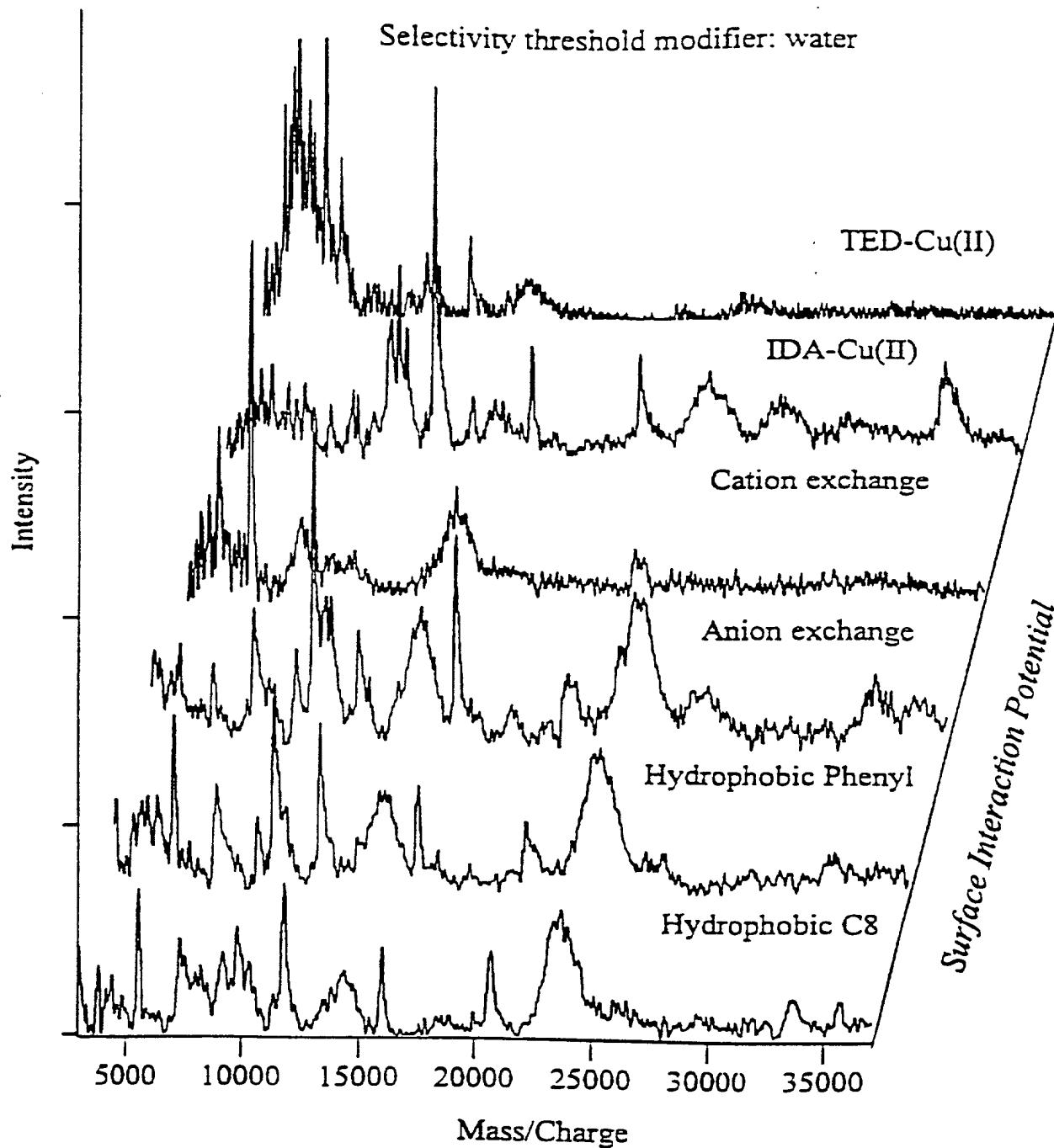


Figure 8B

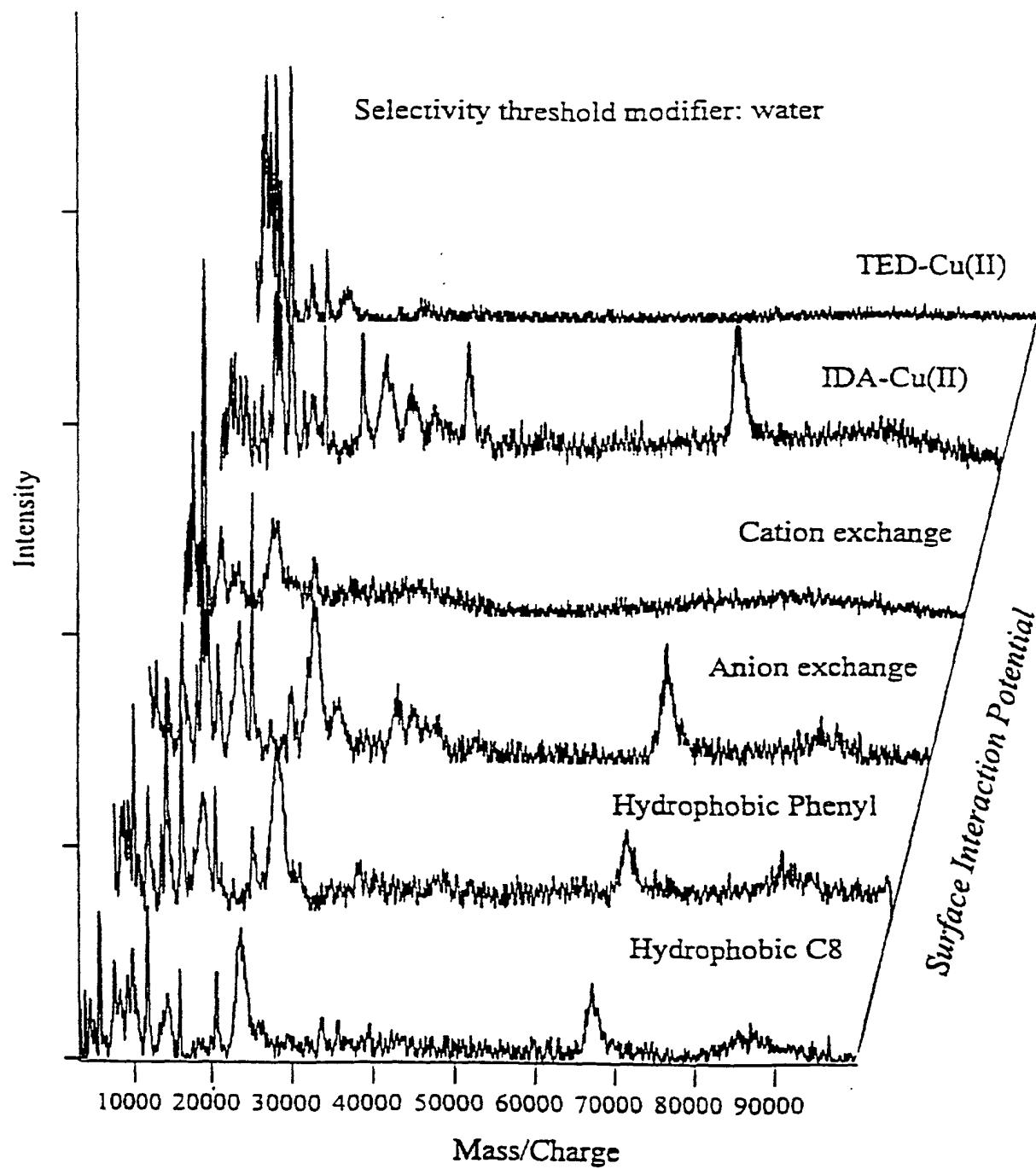


Fig. 9

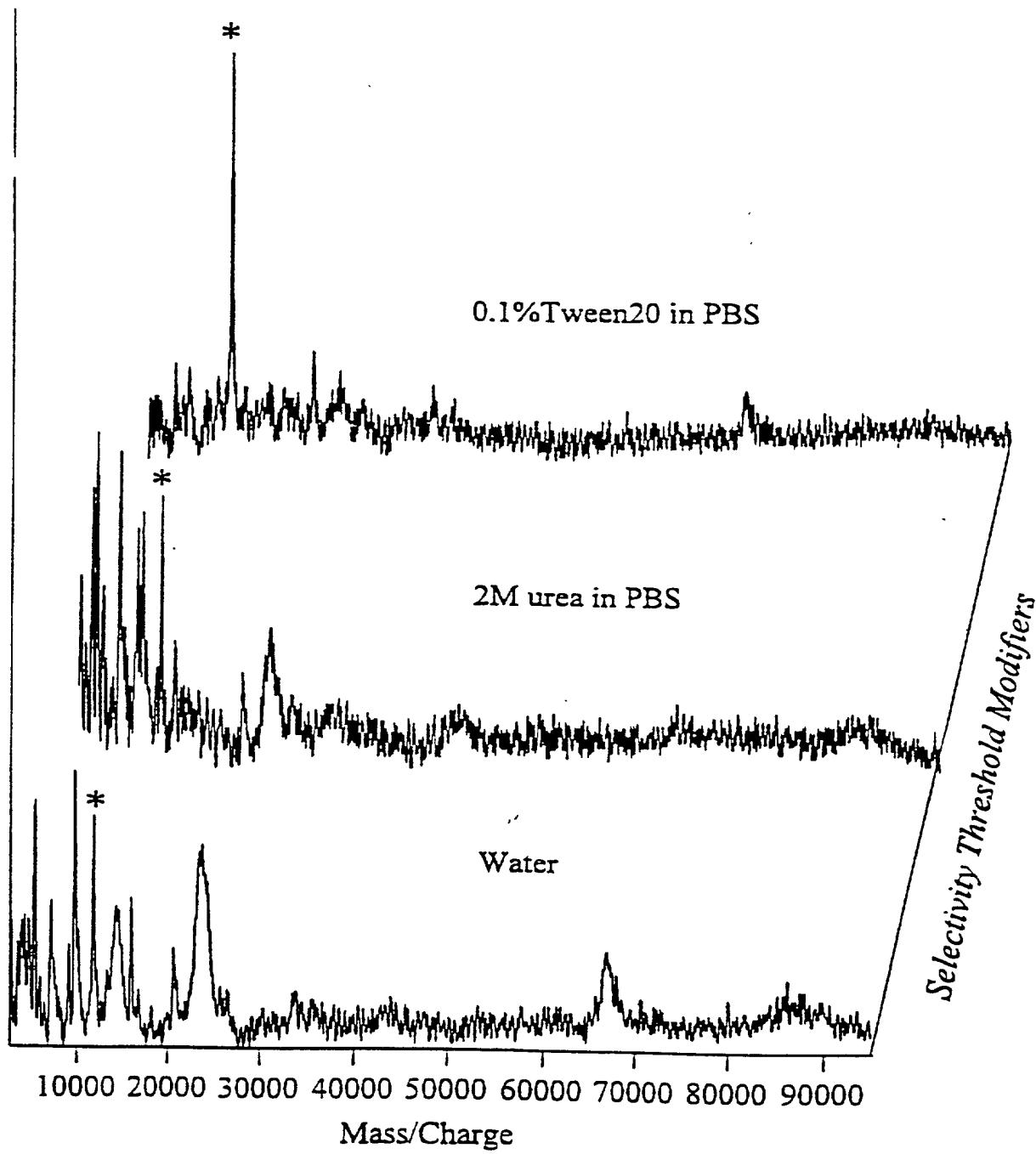
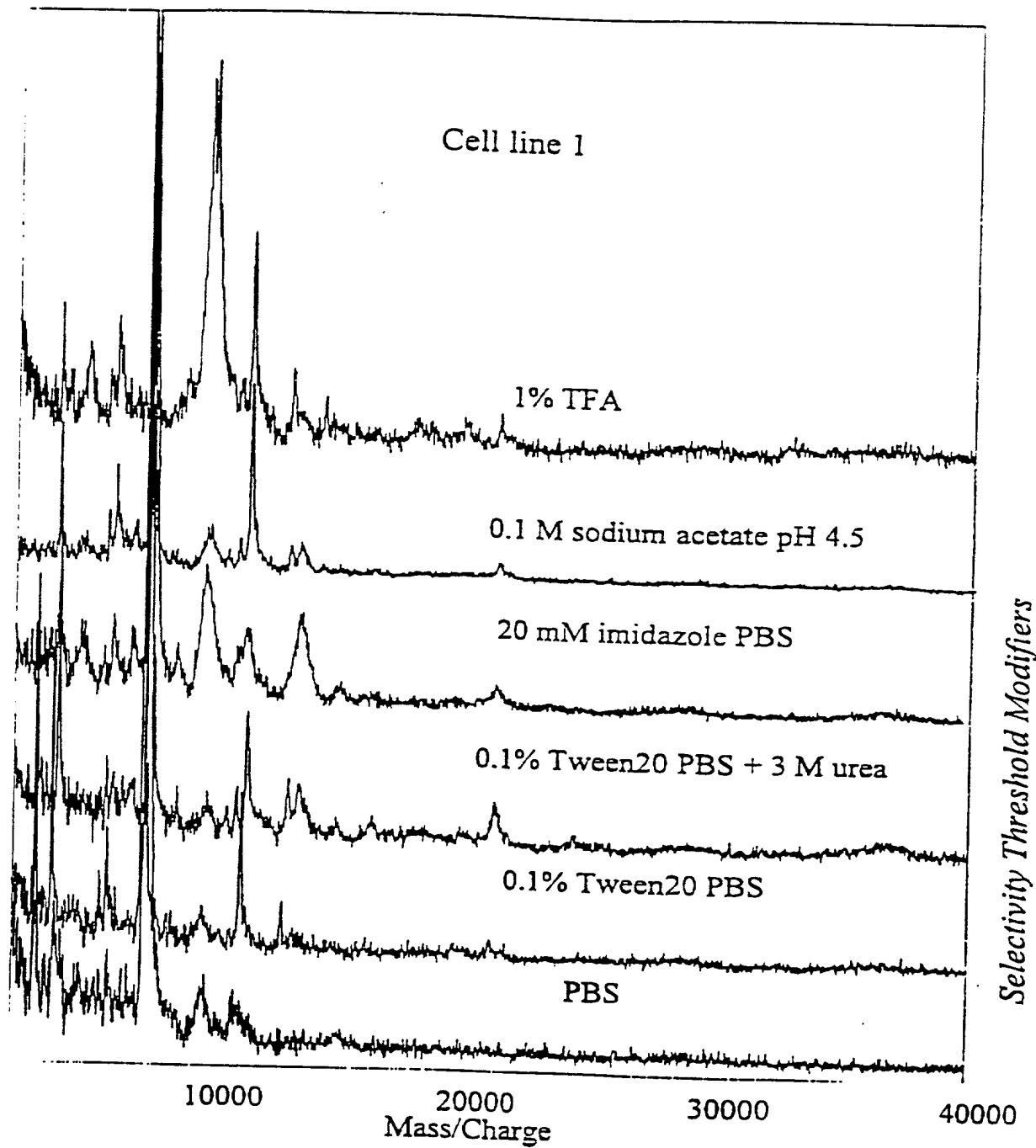


Figure 10A



Selectivity Threshold Modifiers

Figure 10B

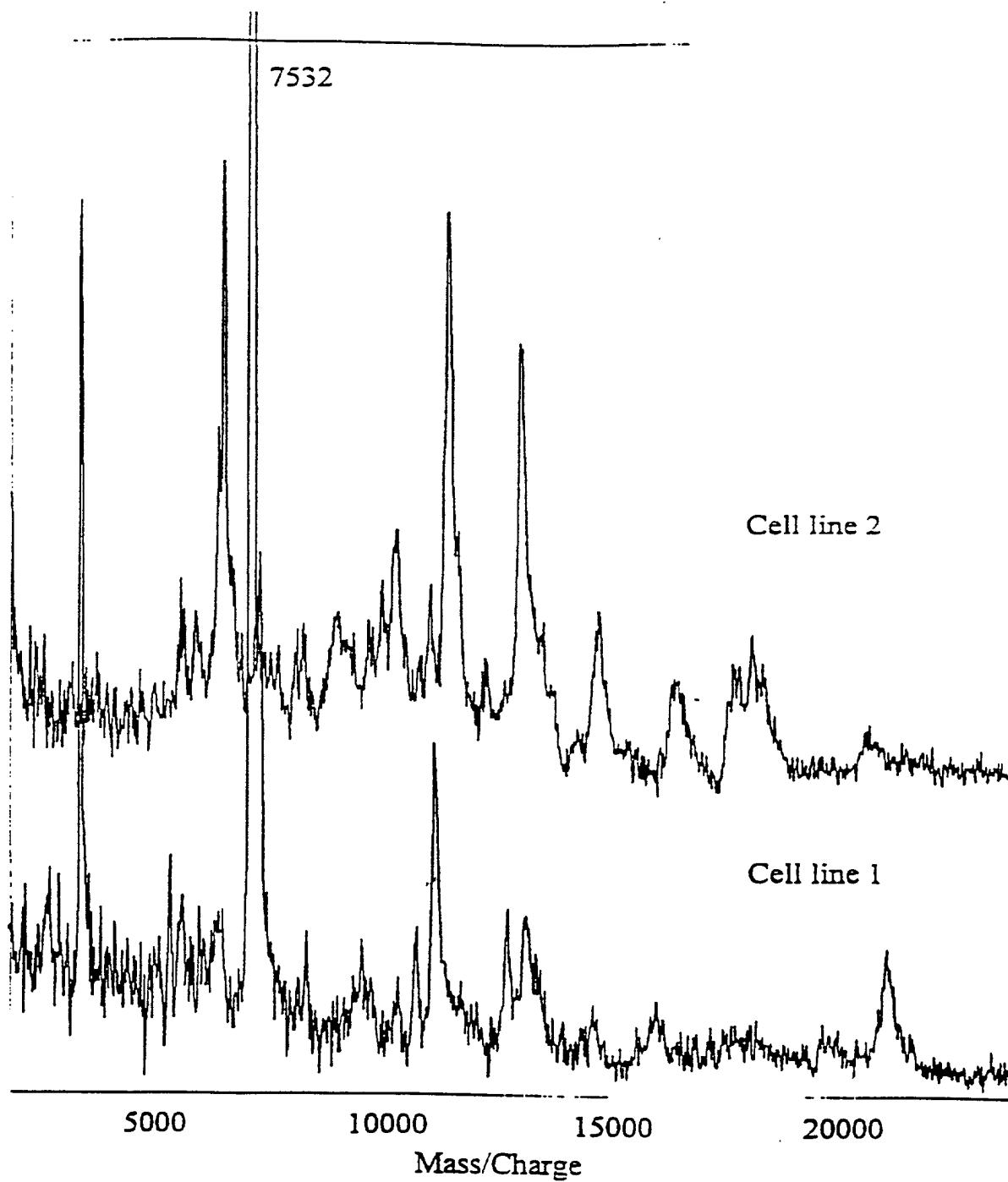


Figure 10C

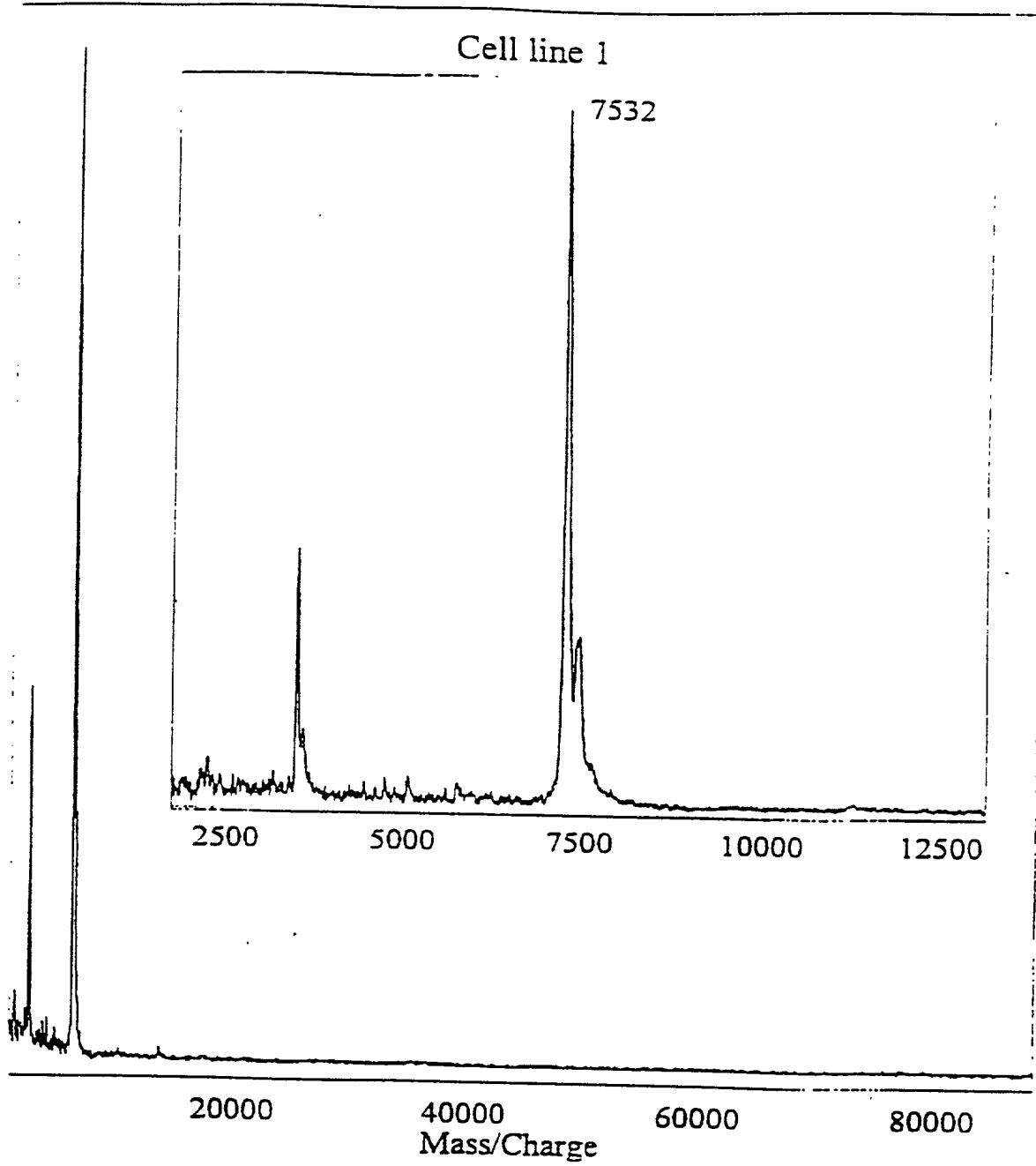


Figure 10D

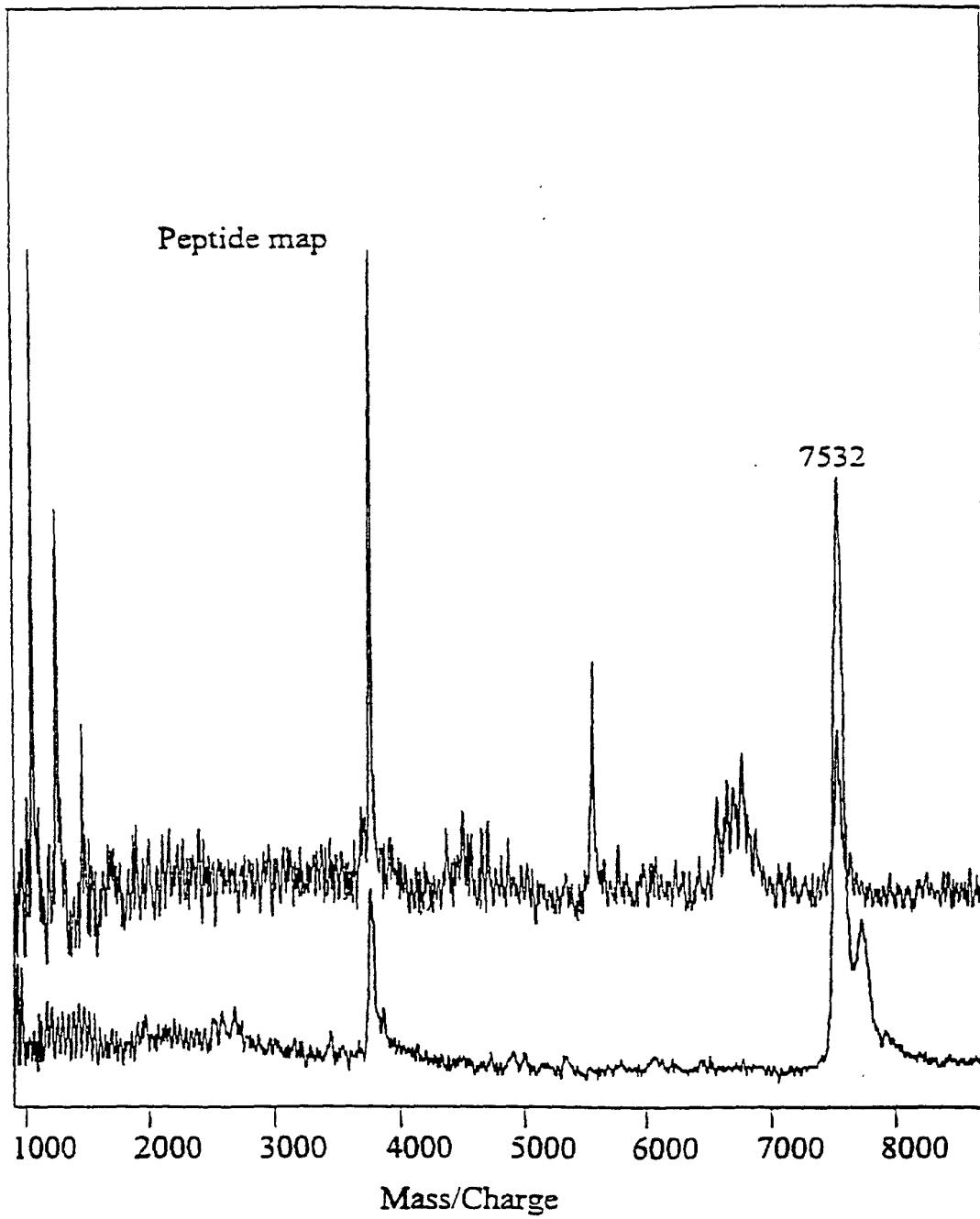


Figure 11

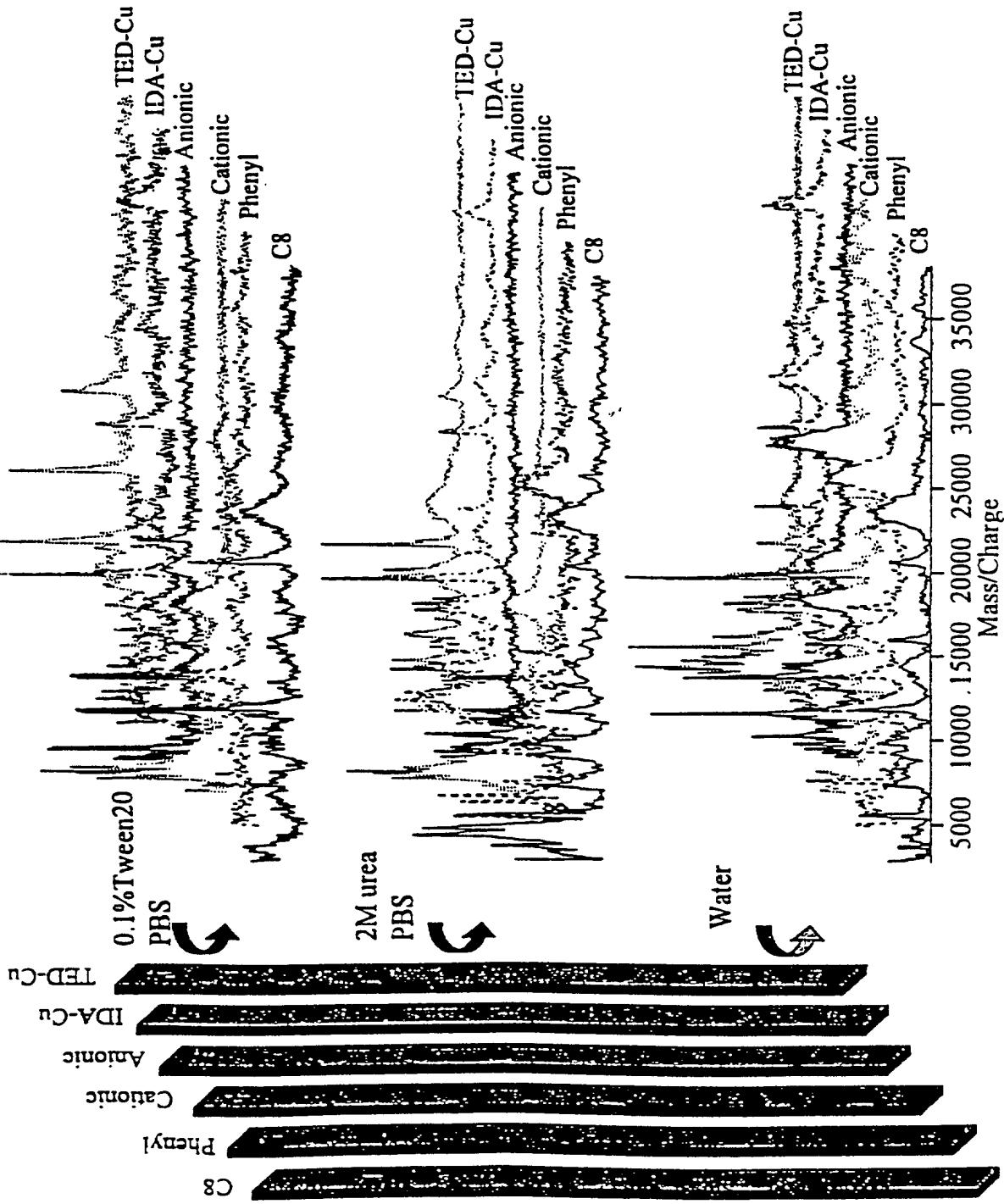
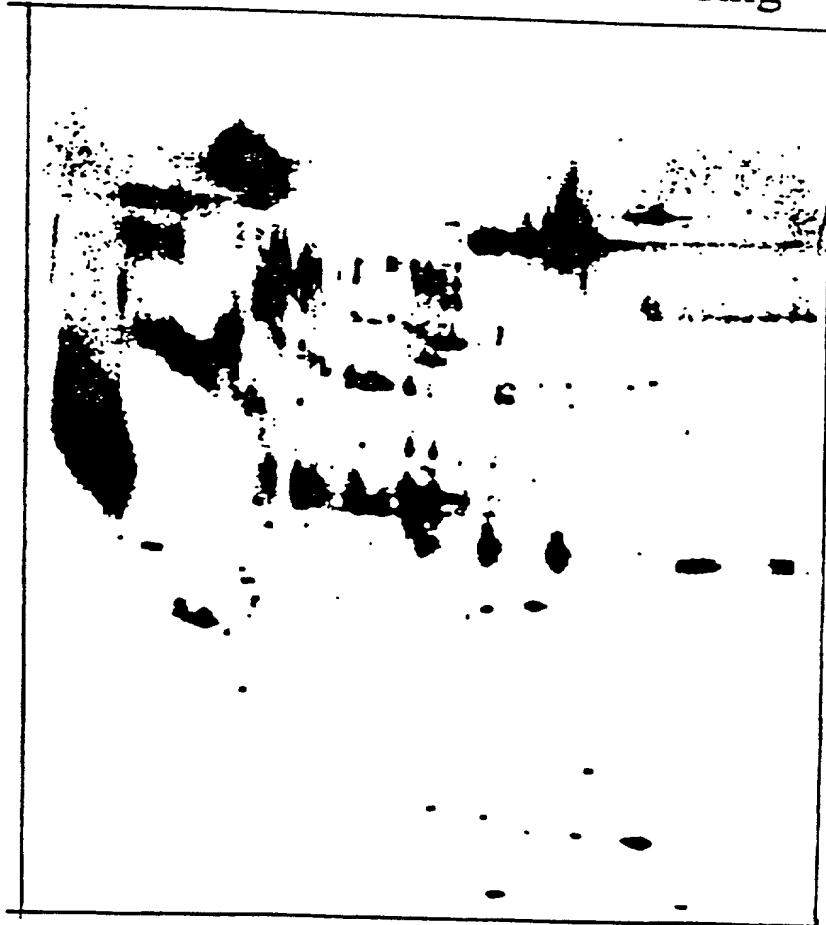


Figure 12

1st dimension: Isoelectric focusing



2nd dimension: SDS PAGE

Figure 13

Specific phage
with sFv "retained"
by target biomolecule

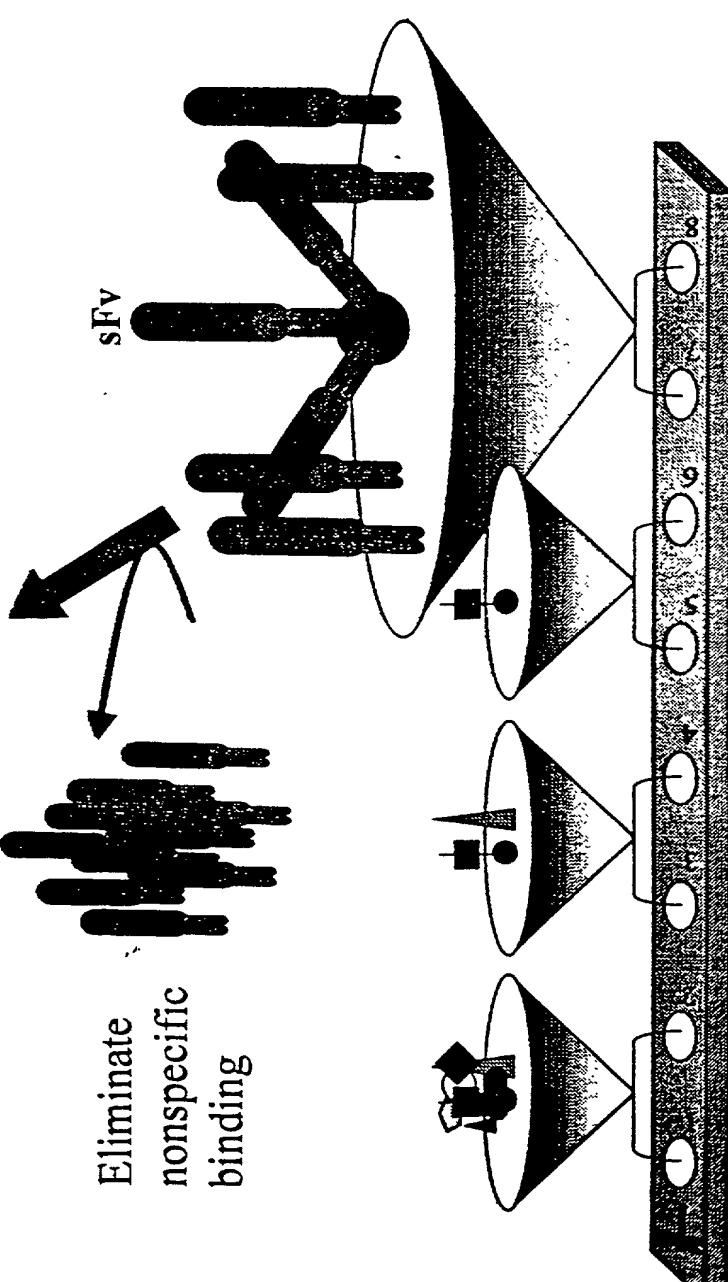
Phage PIII
Coat Protein

SELDI

sFv

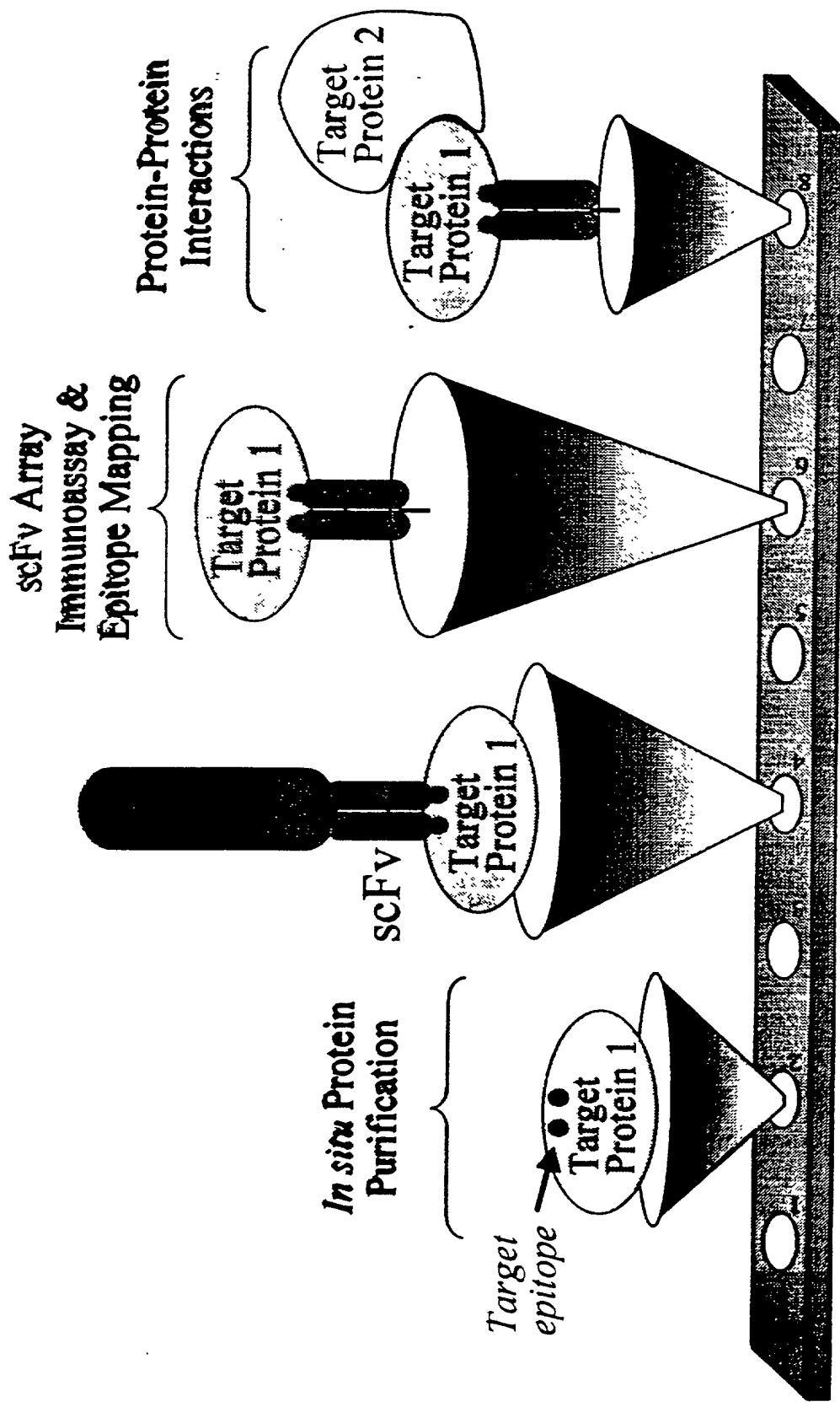
Eliminate
nonspecific
binding

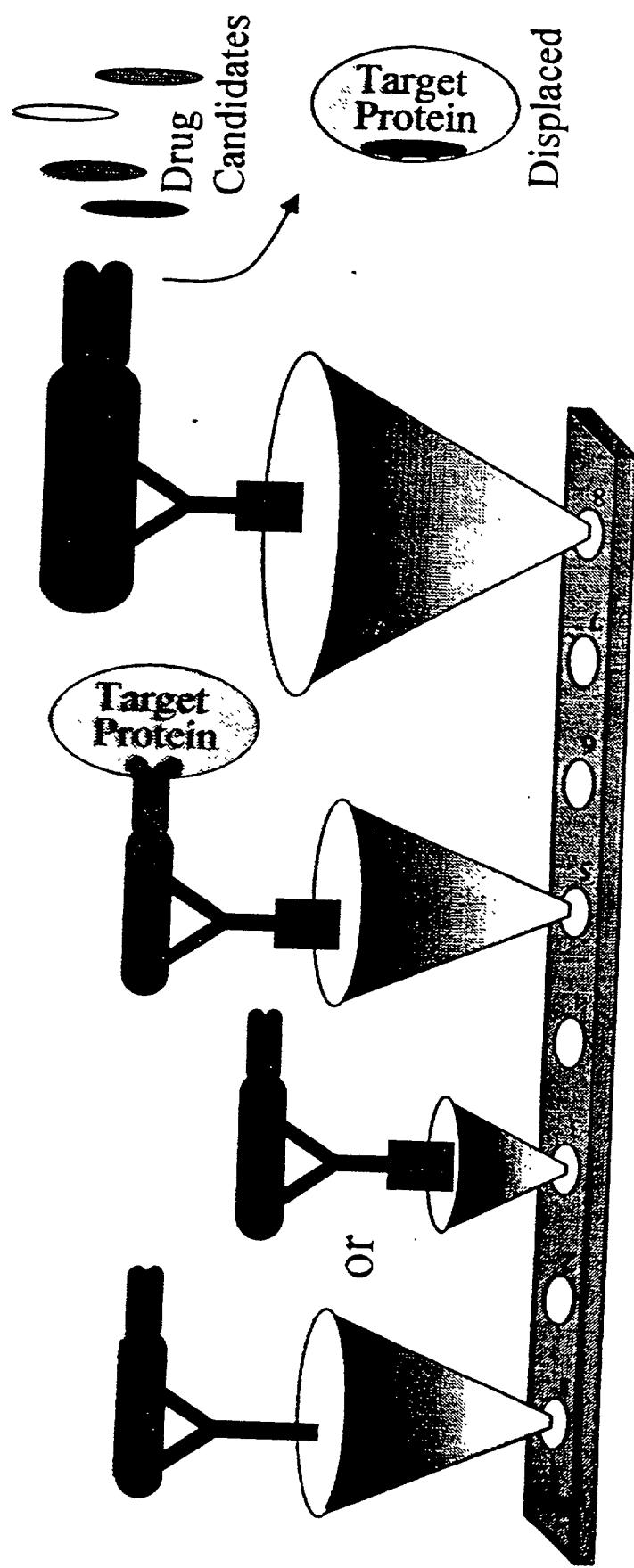
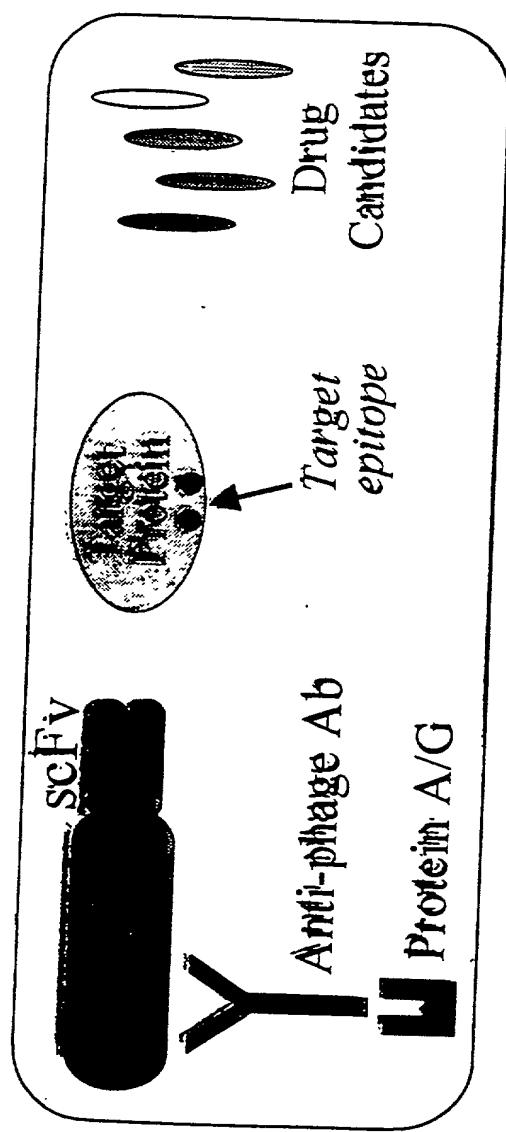
sFv



Phage Display Library Selection

FIG. 14





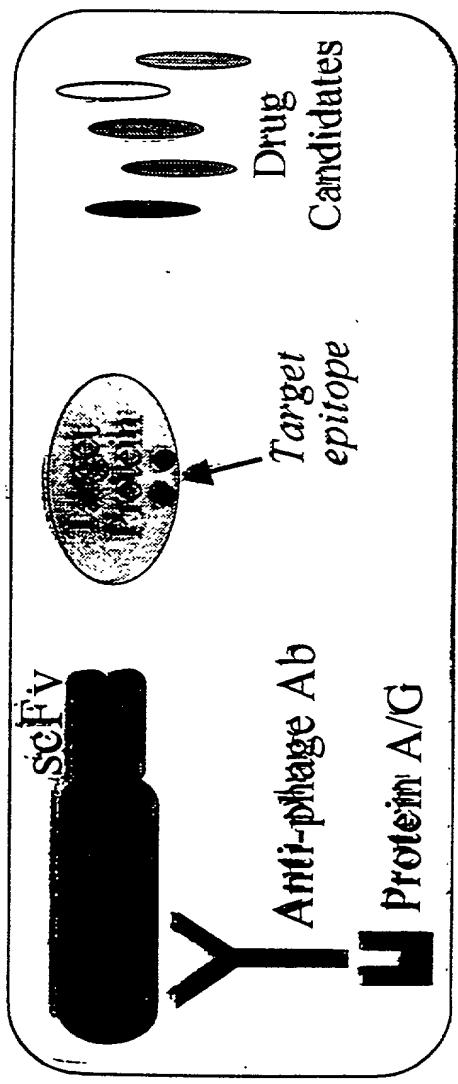


FIG. 16

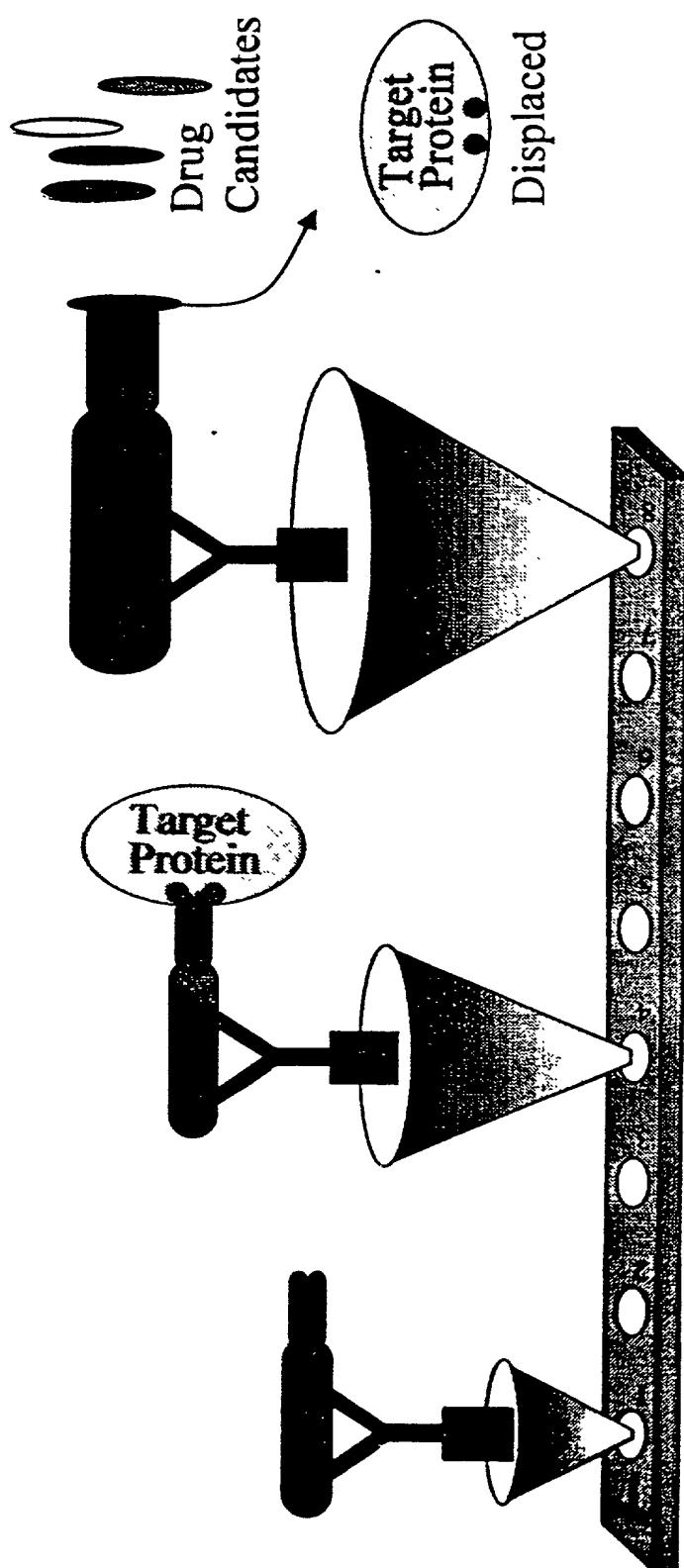


Figure 17

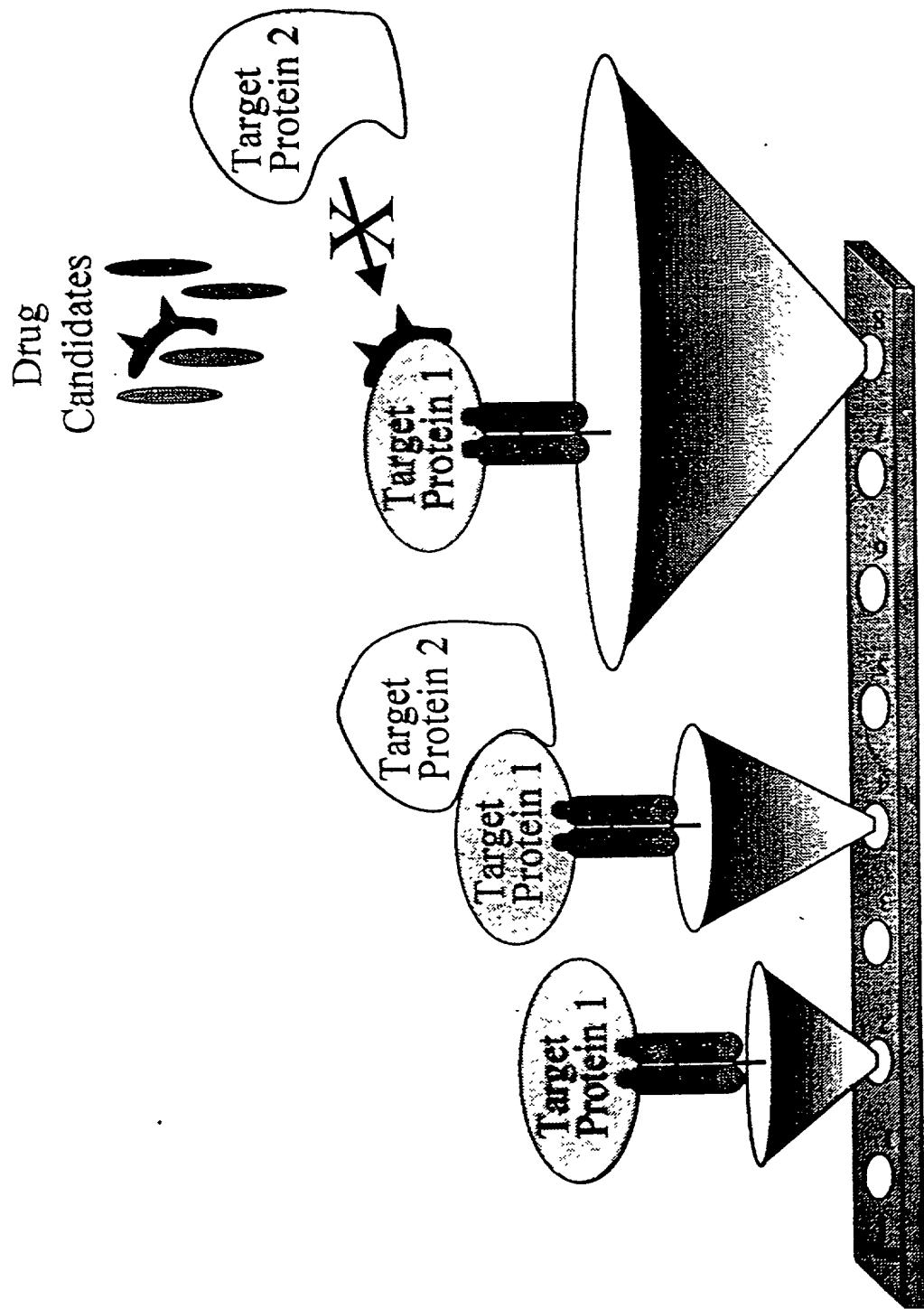


Fig. 18

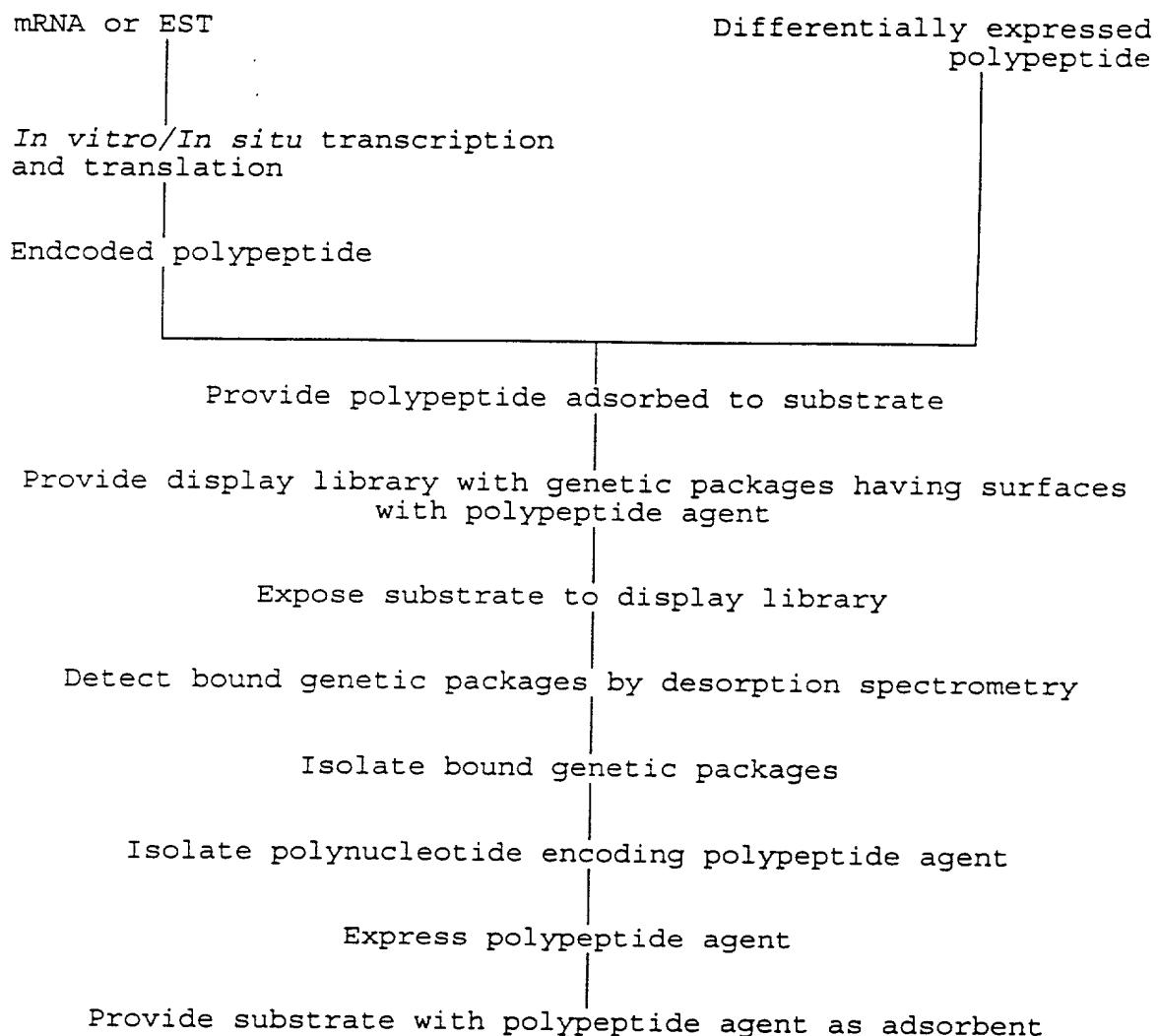


FIG. 19

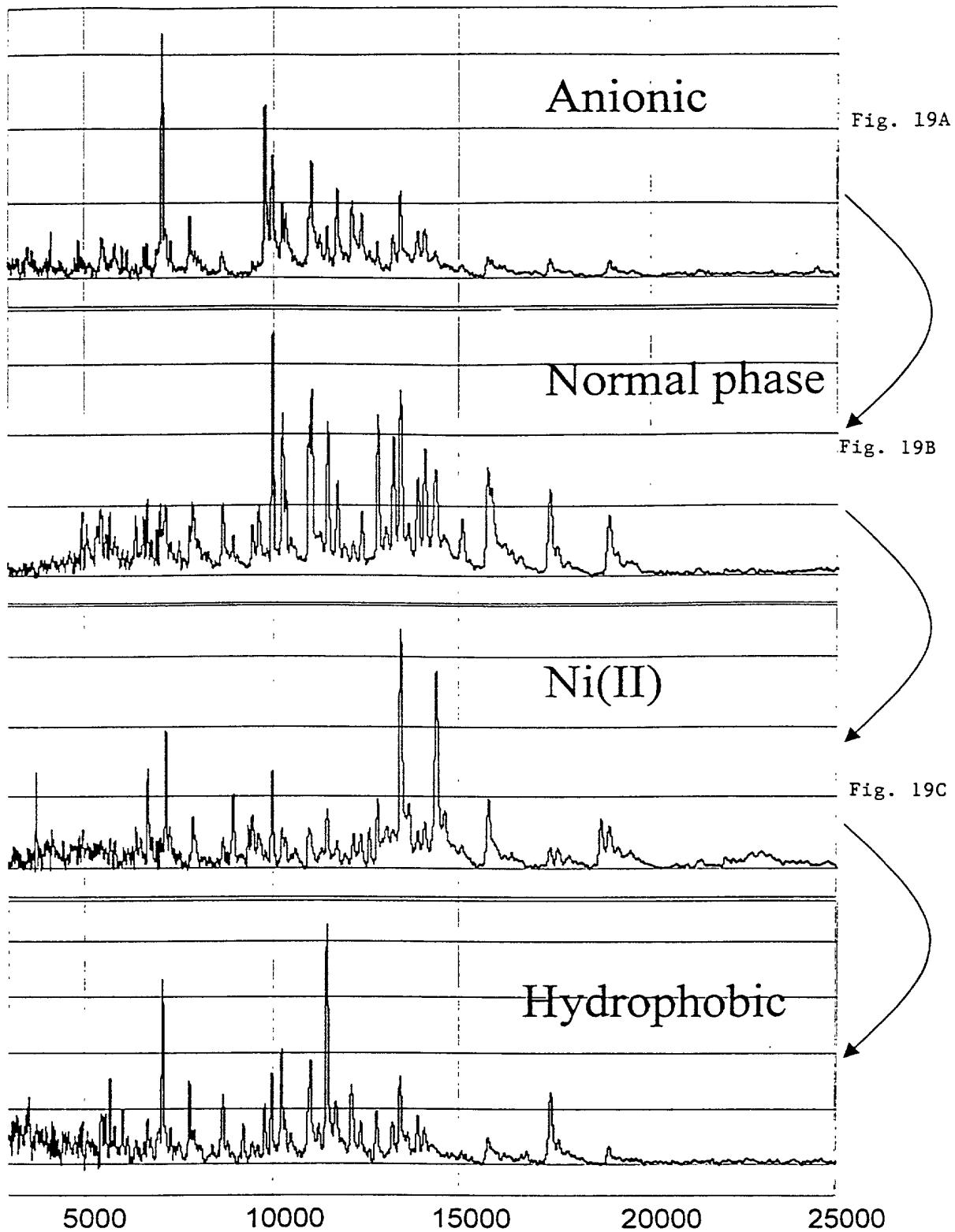


FIG. 20

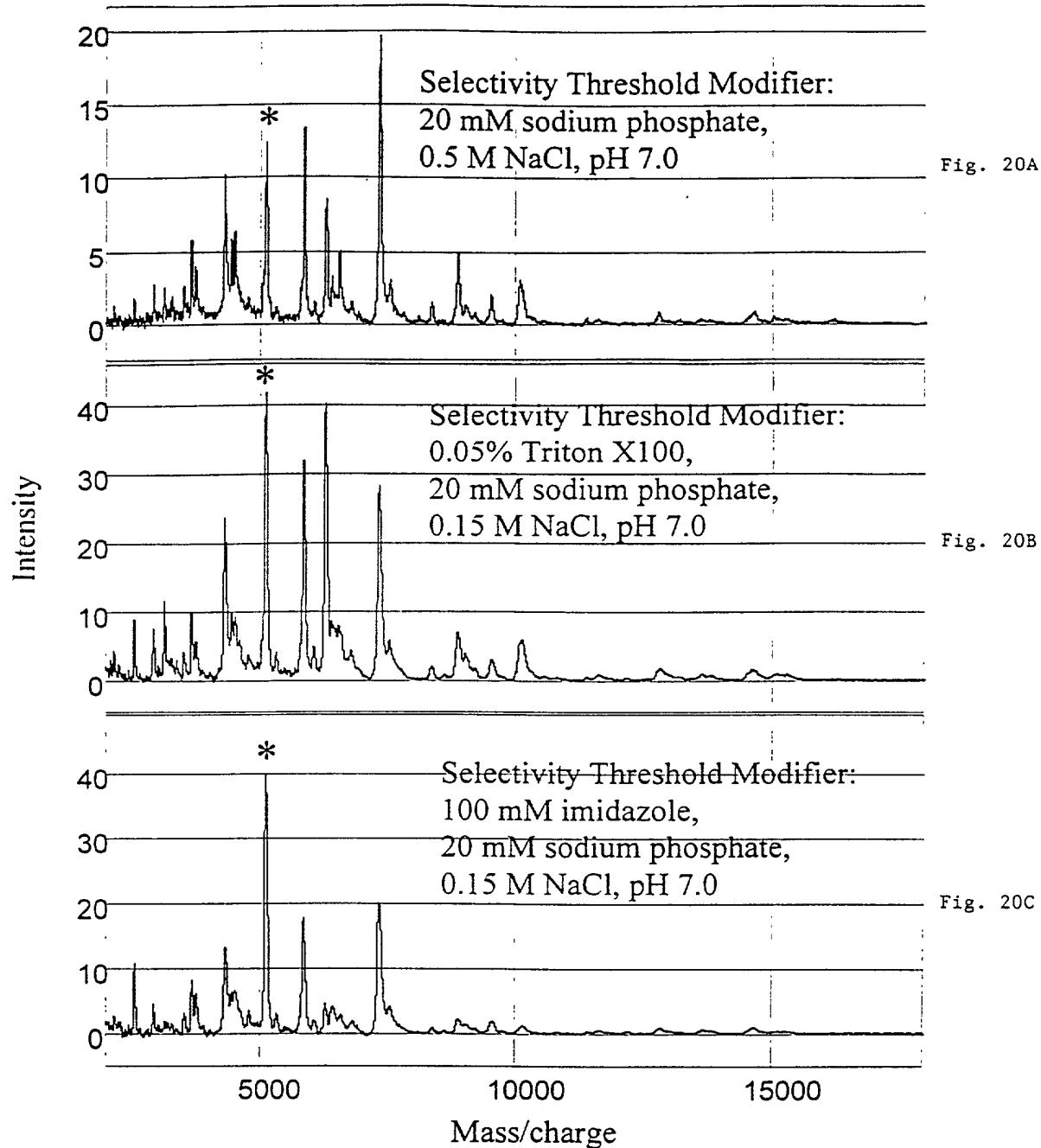


FIG. 21

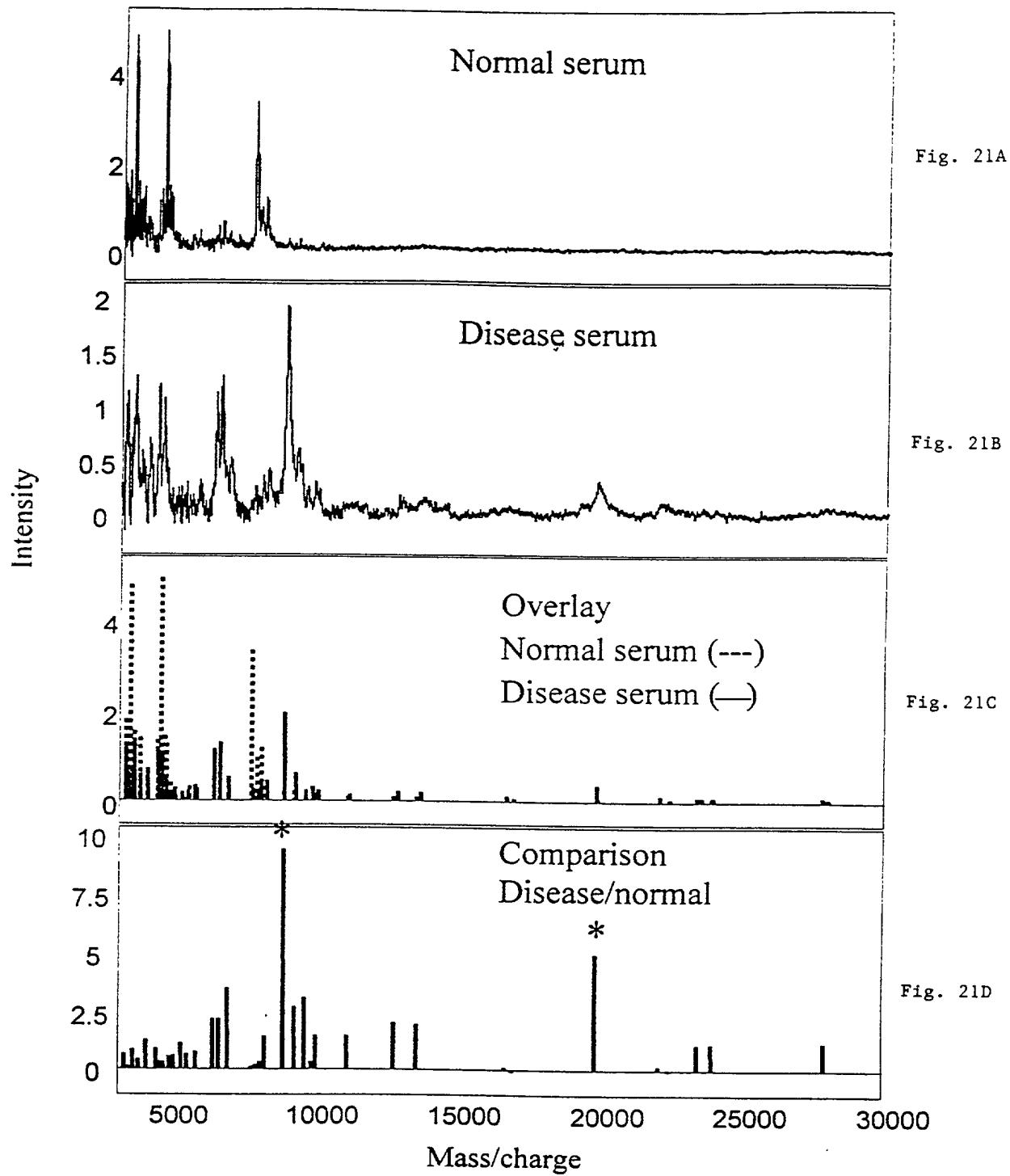


FIG. 22

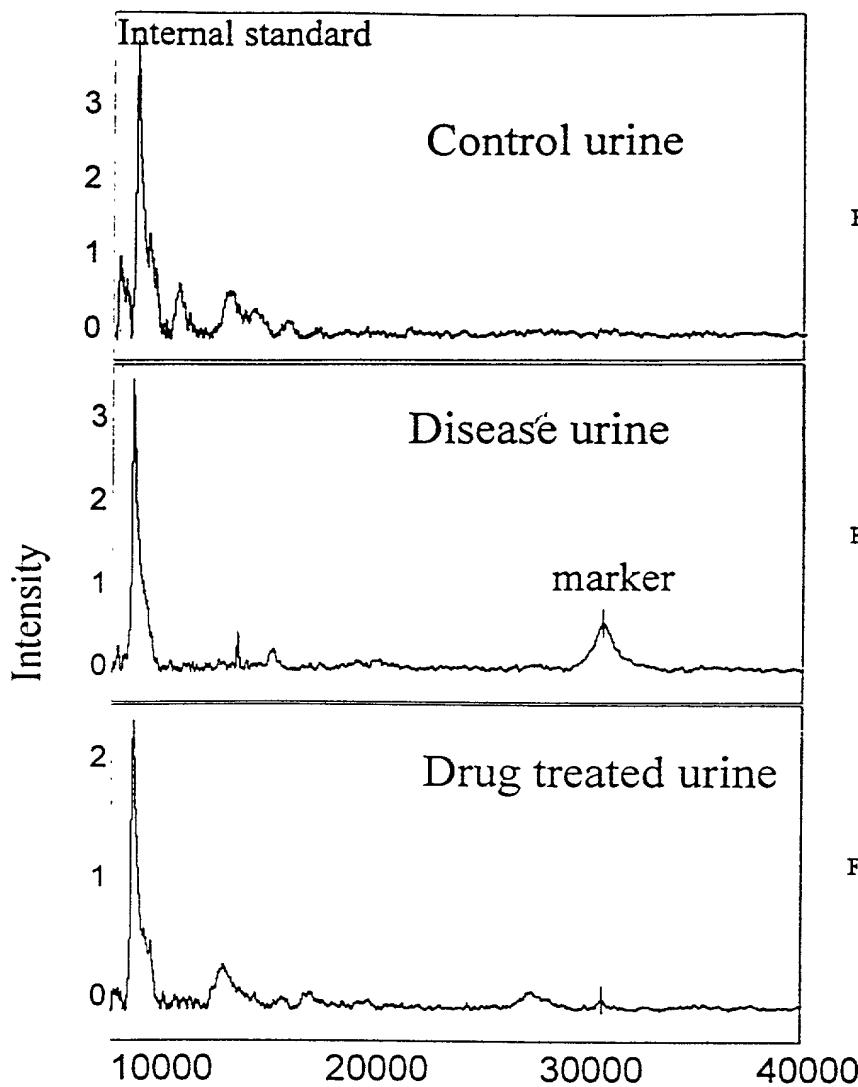


Fig. 22A

Fig. 22B

Fig. 22C

Sample	Protein	Area	Intensity
Disease	Int std	1139.044	3.340518
	marker	695.4804	0.580081
Drug treated	Int std	1383.883	3.780178
	marker	71.05119	0.143227

Fig. 22D

Normalized marker peak area (marker/internal std):

Control	0.0
Disease	0.61
Drug treated	0.05

FIG. 23

Retentate MapTM of Human Urine SELDI ProteinChipTM Array

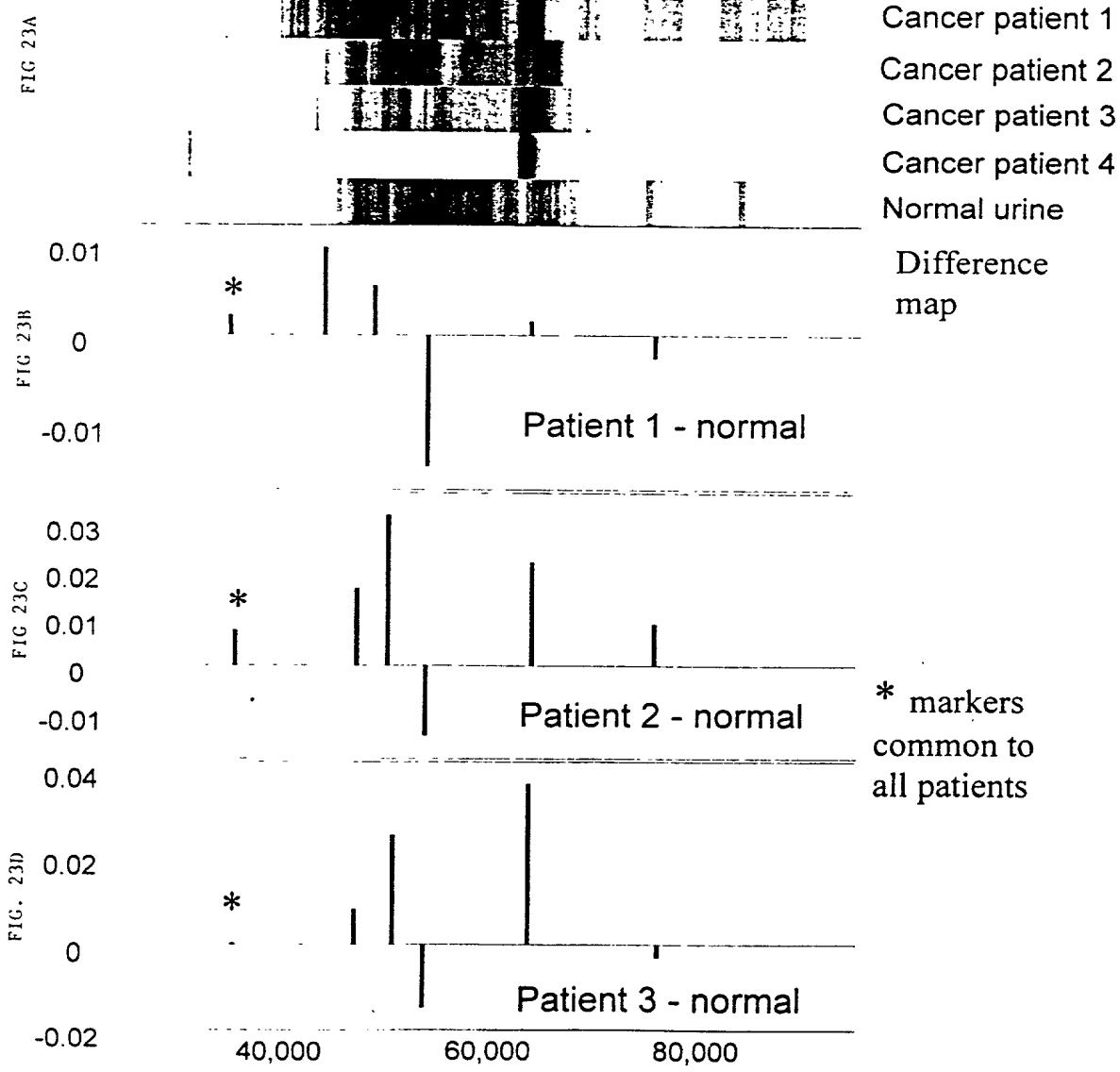


FIG. 24

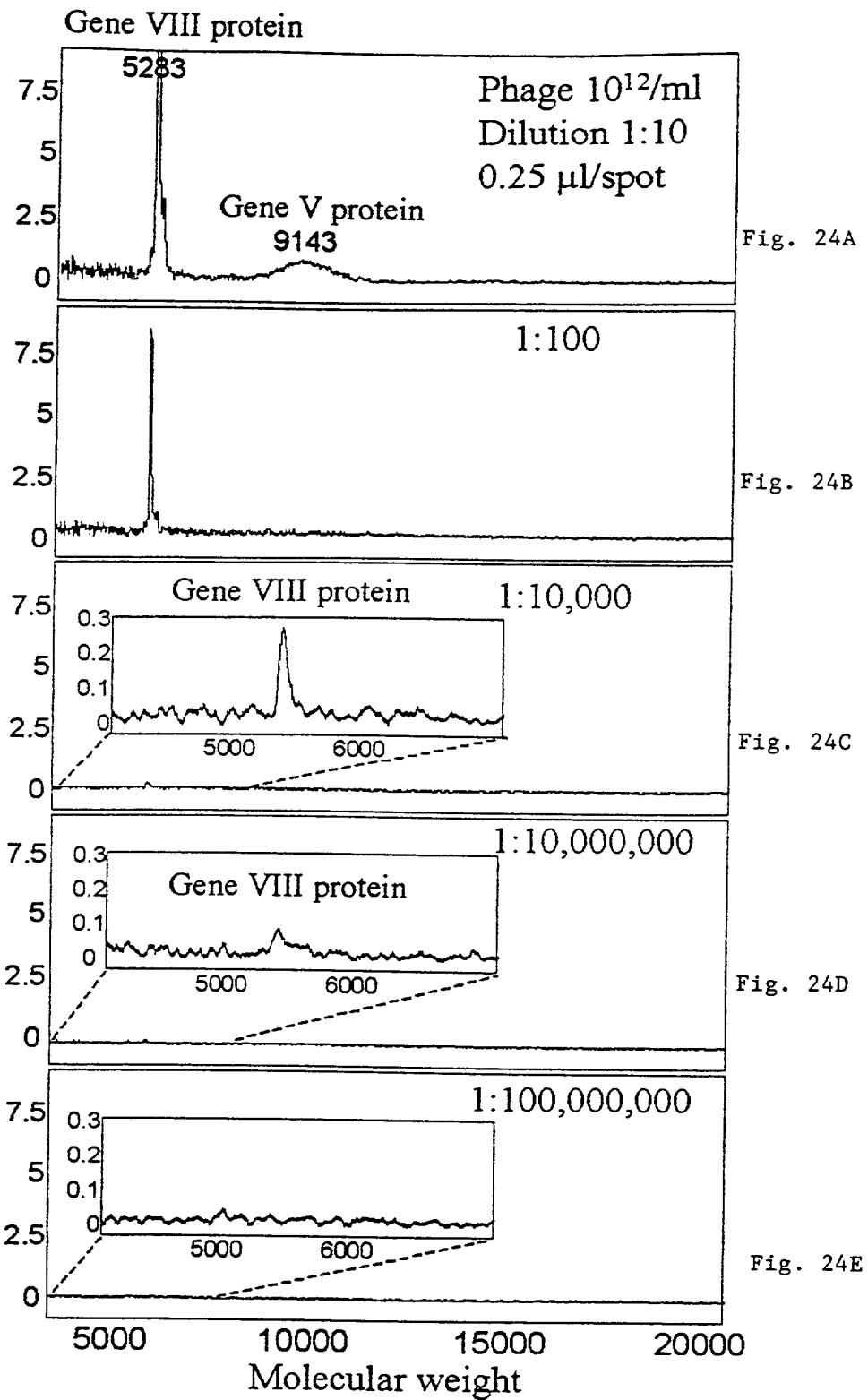


FIG. 25

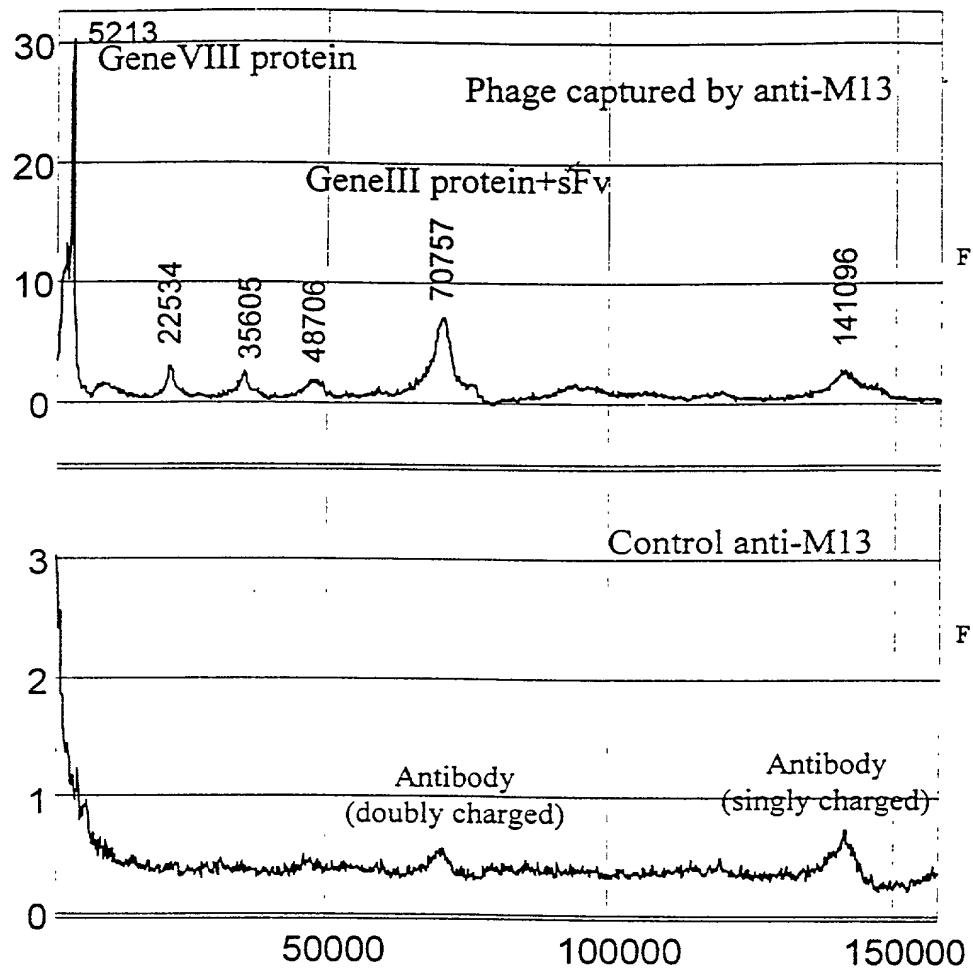


Fig. 25A

Fig. 25B

FIG. 26

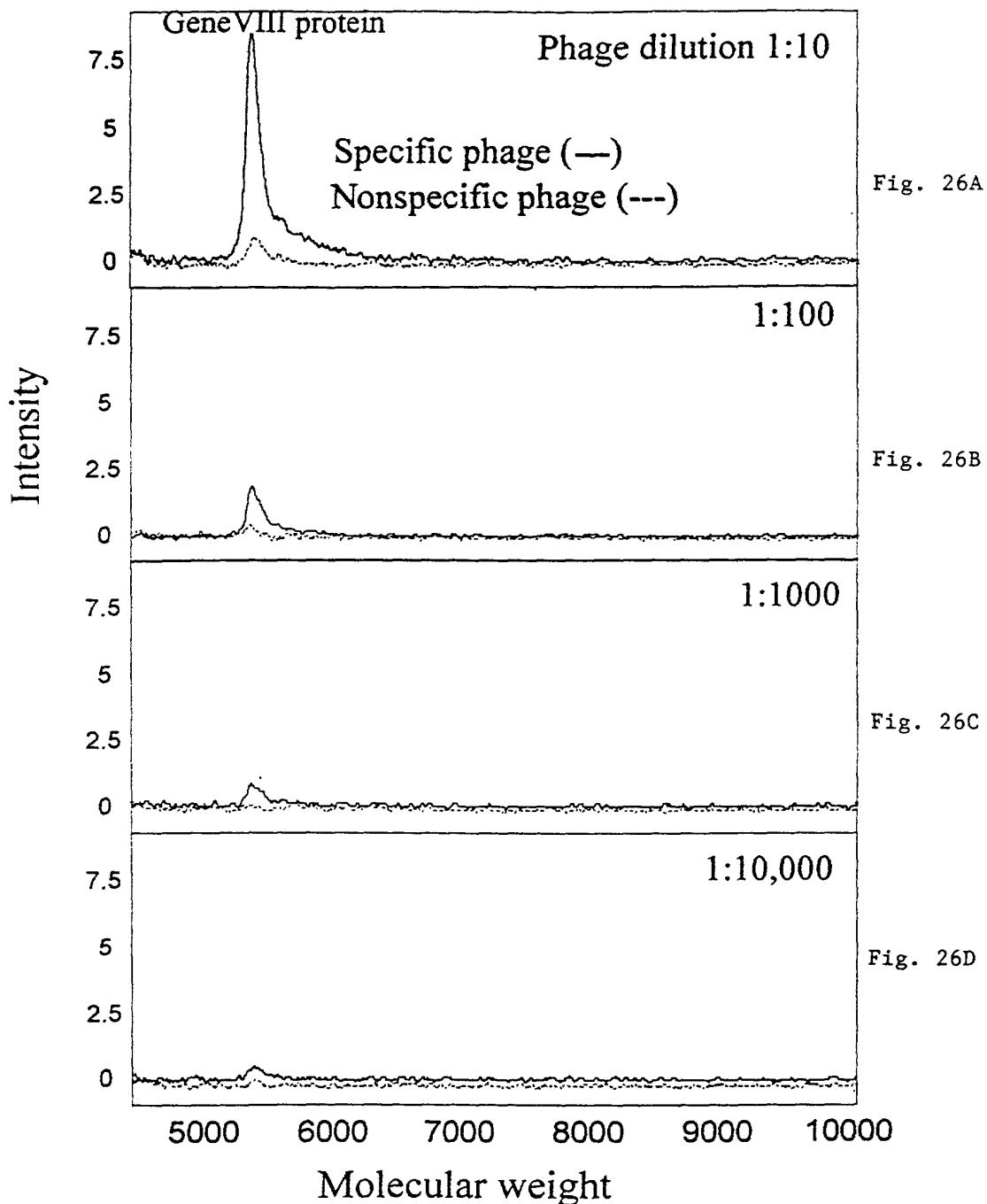


FIG. 27

TGF β (1 μ g/ml 2.5xconditioned medium)

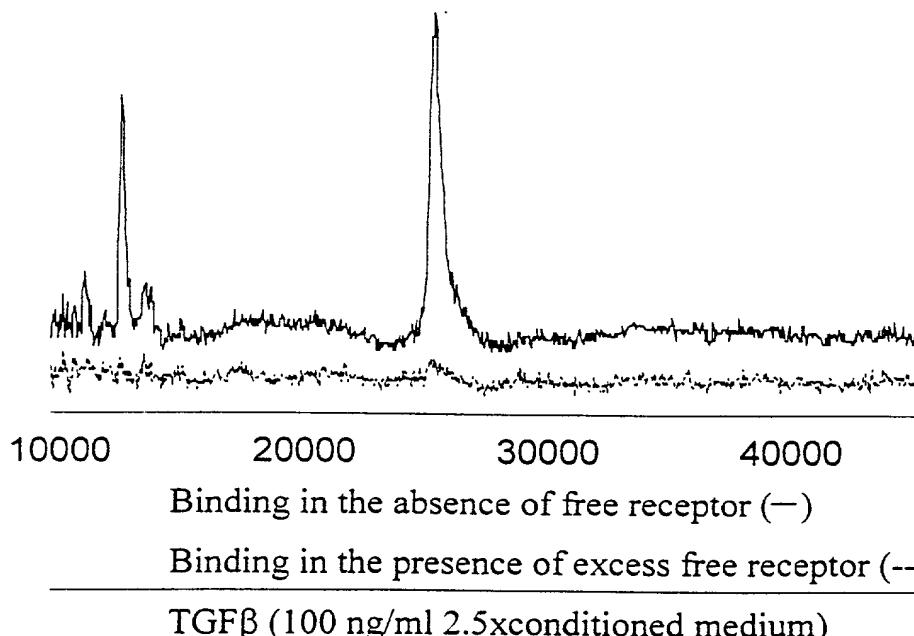


Fig. 27B

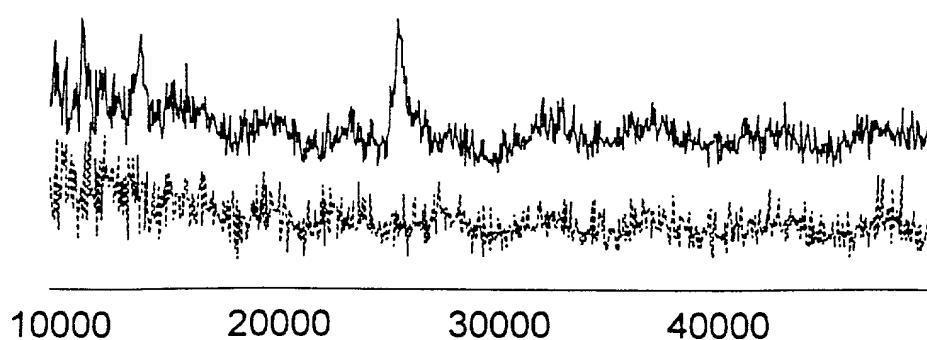


FIG. 28

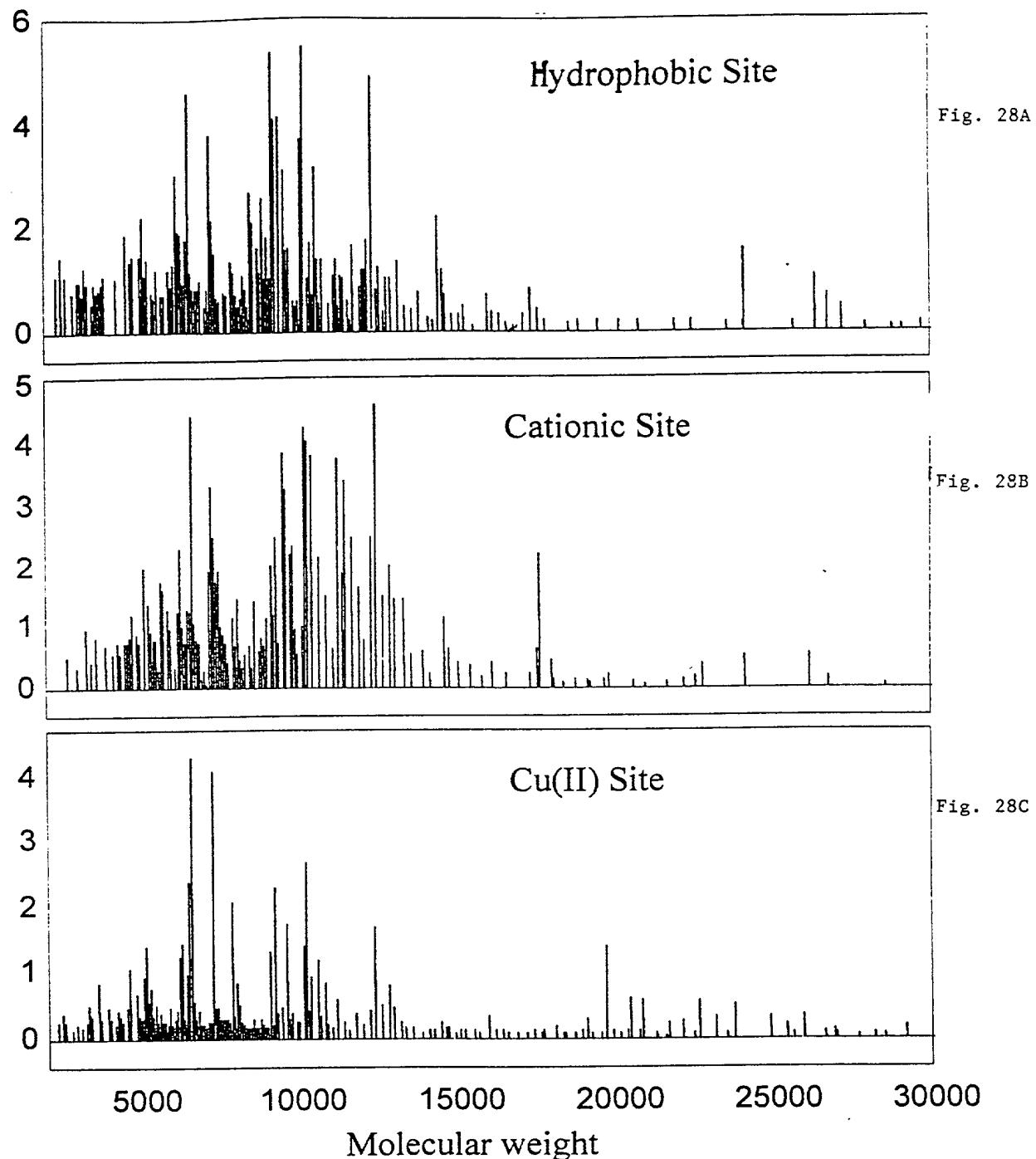
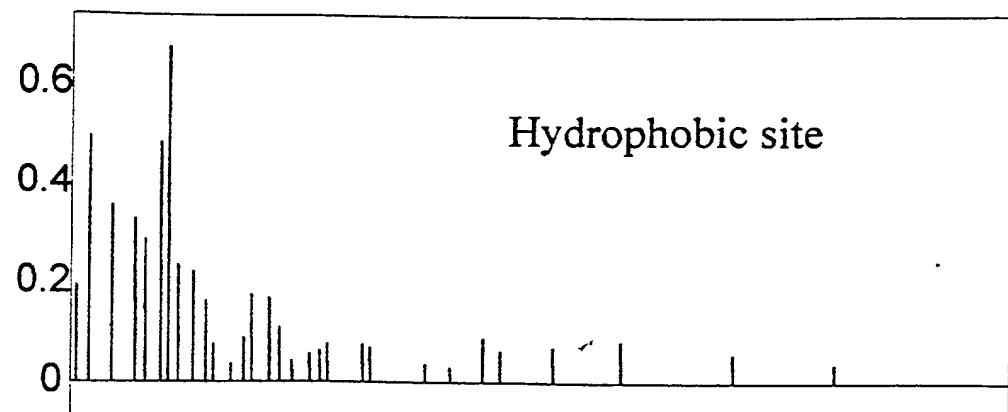
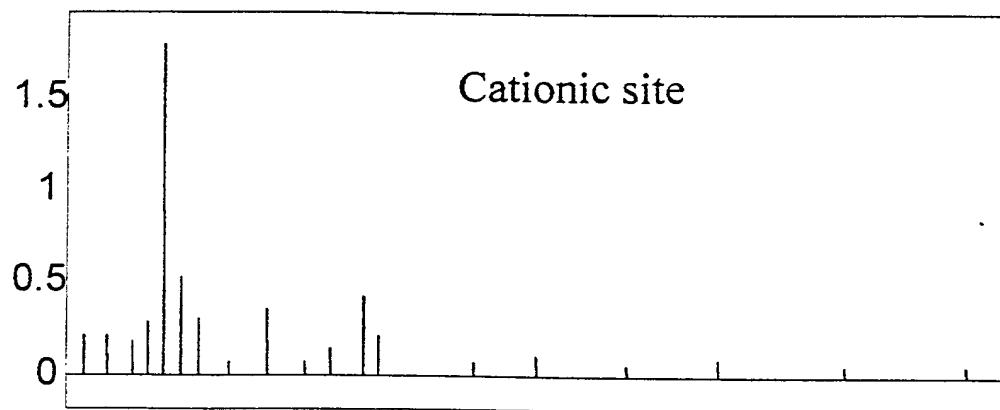


FIG. 29



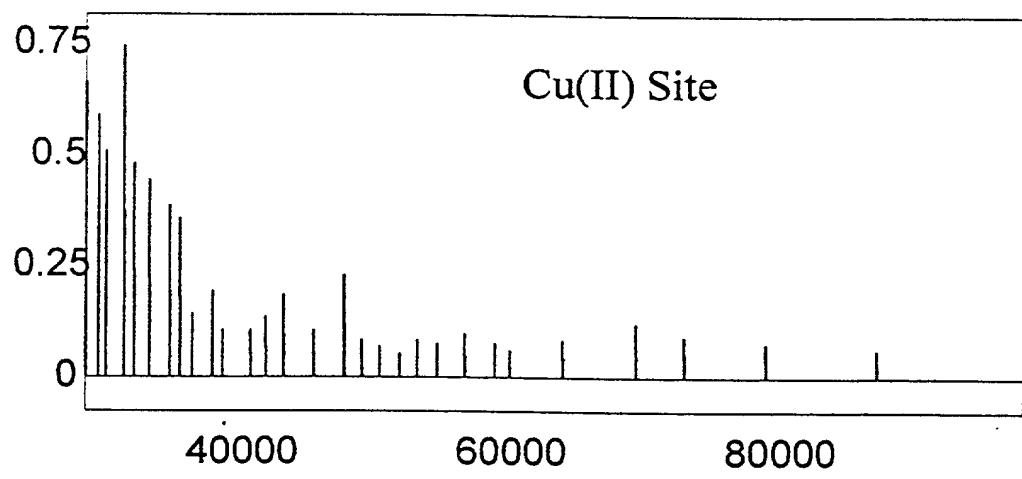
Hydrophobic site

Fig. 29A



Cationic site

Fig. 29B



Cu(II) Site

Fig. 29 C

Molecular weight

Figure 30

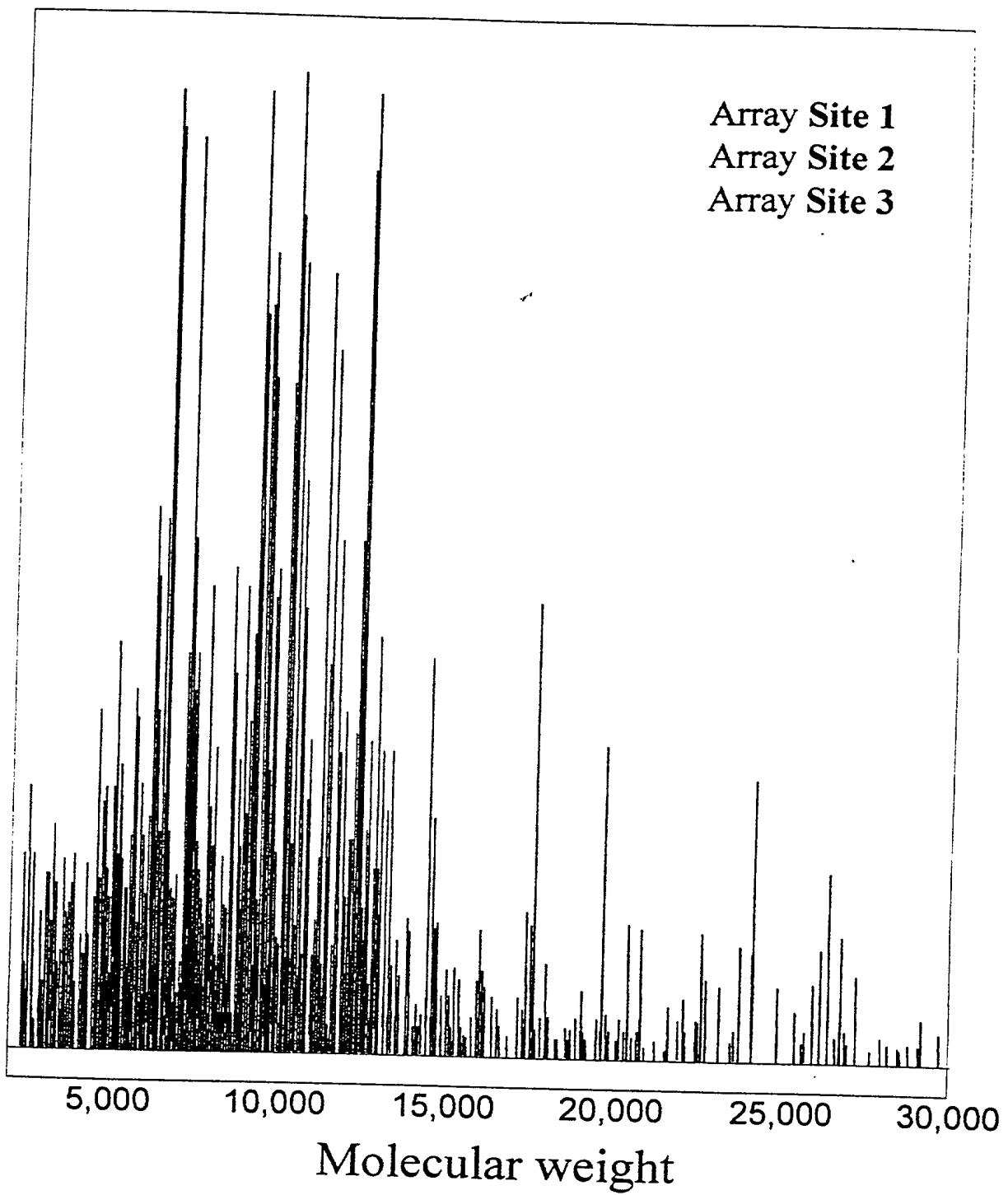


Figure 31

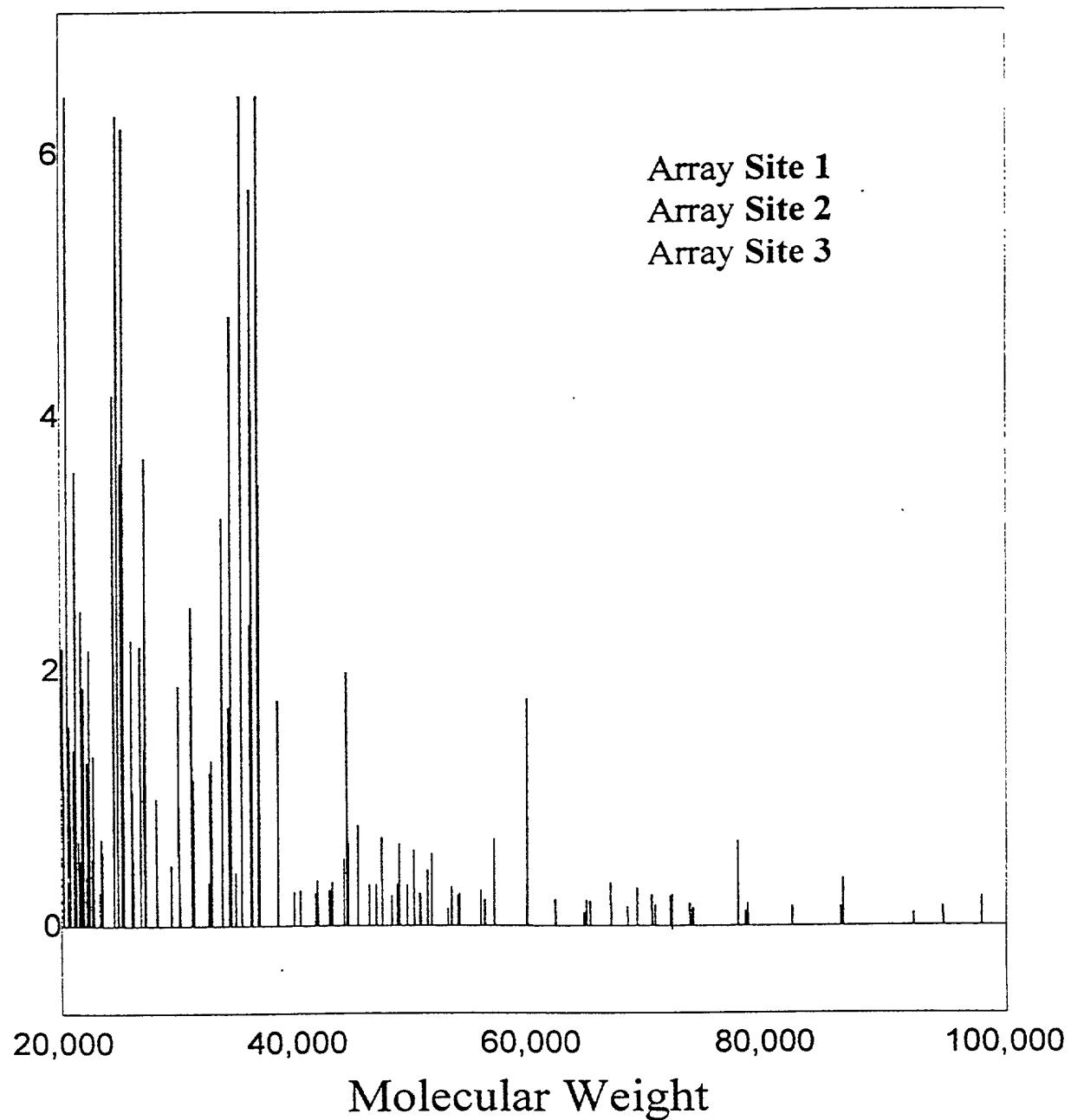


Figure 32

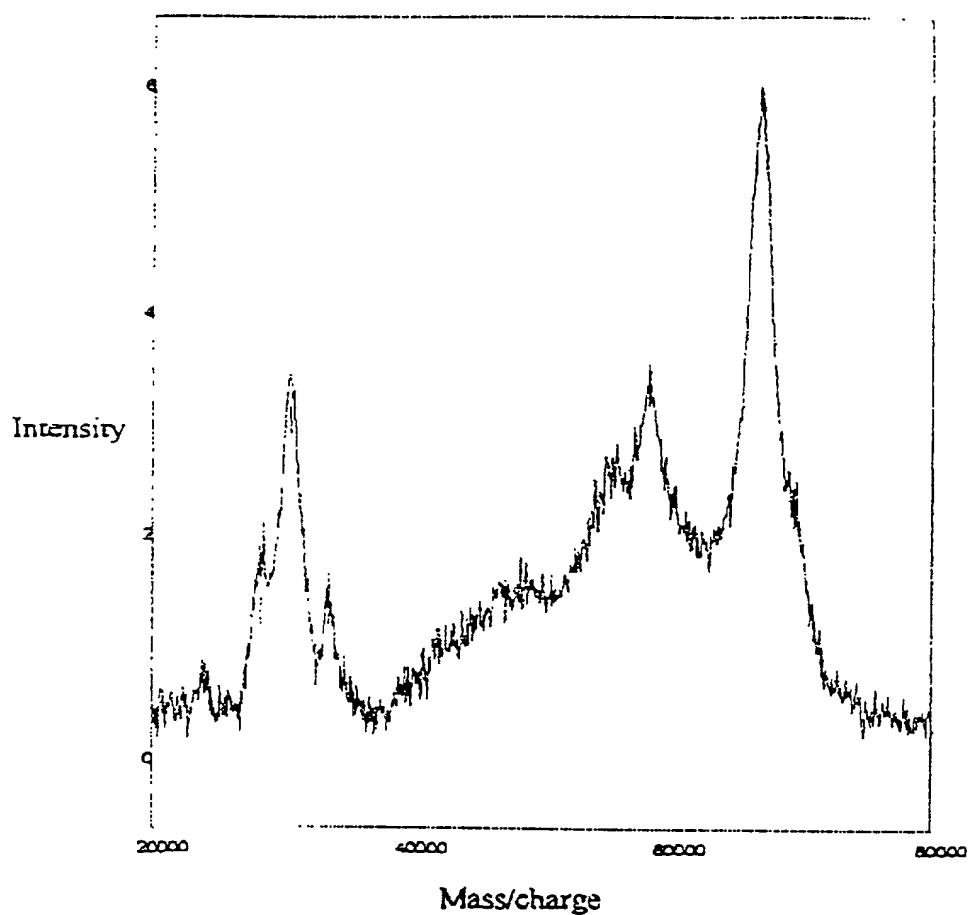


FIG. 33

Fig. 33A

Intensity

Fig. 33B

